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CIPO OPIC

THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Agnès Lajoie
Acting Commissioner of Patents

Agnès Lajoie
Commissaire aux brevets par intérim

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

The Canadian Intellectual Property Office does not guarantee the accuracy of this publication, nor undertake any responsibility for errors or omissions or their consequences.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

L'Office de la propriété intellectuelle de Canada ne garantit pas l'exactitude de la présente publication et ne se rend responsable d'aucune erreur ou omission ou de leurs conséquences.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates
All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals
The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

[11] - Number of Patent document
[13] - Kind-of-document code
[21] - Number assigned to the Application
[22] - Date of Filing Application or
[22] - Date of filing of related divisional application
[25] - Language in which the published application was originally filed
[30] - Data relating to priority under the Paris Convention

[41] - Open to Public Inspection Date
[45] - Date of Issue
[48] - Correction Date (Re-Issued, Re-Examined)
[51] - International Classification
[52] - Domestic Classification
[54] - Title of Invention
[60] - Related by Supplementary Disclosure
[62] - Related by Division
[64] - Related by Reissue
[71] - Name(s) of Applicant(s)
[72] - Name(s) of Inventor(s)
[73] - Name(s) of Grantee(s)
[85] - National Entry Date
[86] - PCT International Filing Data
[87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates
Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code
Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques » Ces codes sont utilisés pour l'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

[11] - Numéro du brevet
[13] - Désignation du type de document
[21] - Numéro attribué à la demande
[22] - Date du dépôt de la demande ou
[22] - Date du dépôt de la demande divisionnaire apparentée
[25] - Langue dans laquelle la demande publiée a été initialement déposée
[30] - Données relatives à la priorité selon la Convention de Paris
[41] - Date de mise à la disponibilité du public
[45] - Date de délivrance
[48] - Date de correction (Redélivrance, Réexamen)
[51] - Classification internationale
[52] - Classification nationale
[54] - Titre de l'invention
[60] - Apparenté par divulgation supplémentaire
[62] - Apparenté par division
[64] - Apparenté par redélivrance
[71] - Nom(s) du (des) demandeur(s)
[72] - Nom(s) de(s) l'inventeur(s)
[73] - Nom(s) du (des) titulaire(s)
[85] - Date d'entrée en phase nationale
[86] - Données du dépôt international selon le PCT
[87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (www.wipo.int/scit/en/standards/standards.htm).

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (www.wipo.int/scit/fr/standards/standards.htm).

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of $1 per page by visiting (www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	$10
b) plus, for each patent or application to which the request relates	$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	$10

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 $ par page en visitant notre site Web (www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 $
b) pour chaque demande de brevet ou brevet visé par la demande	10 $
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 $
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 $

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of $1 per page from the Patent Office.

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 $ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Licensing of Patents

Voluntary Licences

Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences

Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

6. Octroi de licences en vertu des brevets

Licences librement accordées

Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires

Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

2,577,200
2,611,429
2,636,882
2,650,531
2,711,068

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

2,577,200
2,611,429
2,636,882
2,650,531
2,711,068

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After December 30, 2014

1. Transmittal Fee (Rule 14)	**$300**
2. International Filing Fee	**$1544***
For each additional sheet over 30	**$17**
3. International Search Fee	**$1600**

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 30 décembre 2014

1. Taxe de transmission (Règle 14)	**300 $**
2. Taxe de dépôt internationale	**1544 $***
Pour chaque feuille au delà de 30	**17 $**
3. Taxe de recherche internationale	**1600 $**

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

4. Late payment fee
50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

Preliminary Examination

5. Handling fee (Rule 57.2(*a*)) **$232**

6. Preliminary examination fee **$800**
(Rule 58)

* International fees will be reduced by:

- **$116** for all applications filed using PCT-EASY,
- **$232** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$348** for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

4. Taxe pour paiement tardif
50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. Taxe de traitement (Règle 57.2*a*)) **232 $**

6. Taxe d'examen préliminaire **800 $**
(Règle 58)

* Les frais seront réduits de:

- **116 $** pour toutes les demandes déposées en utilisant PCT-EASY,
- **232 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **348 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (publications.mail@wipo.int) or visit their Web site (www.wipo.int).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (publications.mail@wipo.int) ou visiter leur site Web (www.wipo.int).

13. Practice Notice

STATUTORY HOLIDAYS *(DIES NON)*

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office (CIPO) practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

Time limits under the *Patent, Trade-marks, Industrial Design, Copyright* and *Integrated Circuit Topography Acts*

In accordance with section 26 of the *Interpretation Act*, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Industry Canada regional office; or a Registered Mail establishment) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

Operationally, CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that they are properly entitled to any needed extension of the time limit.

Time limits under the *Patent* and *Trade-marks Acts*

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, any patent or trade-mark time limit that expires on a day when the Patent and Trade-marks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered. No equivalent provisions exist under the *Industrial Design, Copyright or Integrated Circuit Topography Acts*.

13. Énoncé de pratique

JOURS FÉRIÉS (*DIES NON*)

Nota : *Le présent avis a pour objet de fournir une orientation pour les pratiques et l'interprétation à l'Office de la propriété intellectuelle du Canada (OPIC) touchant les lois pertinentes. Toutefois, en cas d'incohérence entre cet avis et la loi applicable, il faut se reporter à la loi.*

Délais prévus dans *les lois régissant les brevets, les marques de commerce, les dessins industriels, le droit d'auteur* et *les topographies de circuits intégrés*

Selon l'article 26 de la *Loi d'interprétation*, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Industrie Canada ou un établissement de Courrier recommandé) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris un télécopieur, seraient réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. En conséquence, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Délais prévus dans la *Loi sur les brevets* et dans la *Loi sur les marques de commerce*

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce* stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés. Il n'existe pas de disposition du genre dans la *Loi sur les dessins industriels*, la *Loi sur le droit d'auteur* ou la *Loi sur les topographies de circuits intégrés*.

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the *Regulations under the PCT* provides:

"If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

on which such Office or organization is not open to the public for the purposes of the transaction of official business;
on which ordinary mail is not delivered in the locality in which such Office or organization is situated;
which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or
which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; the period shall expire on the next subsequent day on which none of the said four circumstances exists."

CIPO takes the position that section 26 of the *Interpretation Act* applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO however takes no position as to whether such extensions would be recognized by other countries and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the *Regulations under the PCT* or some other applicable law.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du *Règlement d'exécution du PCT* prévoit ce qui suit :

"Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour :

où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;
où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;
qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou
qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus."

L'OPIC estime que l'article 26 de la *Loi d'interprétation* s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du *Règlement d'exécution du PCT* ou d'une autre loi pertinente.

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après ne sont pas des jours fériés pour l'administration fédérale, mais ils sont des jours fériés dans au moins une province ou territoire :

1) **Alberta:** 3rd Monday in February (Alberta Family Day)
2) **British Columbia:** 1st Monday in August (British Columbia Day)
3) **New Brunswick:** 1st Monday in August (New Brunswick Day)
4) **Nova Scotia:** 1st Monday in August (Civic Holiday)
5) **Ontario:** 3rd Monday in February (Ontario Family Day) 1st Monday in August (Civic Holiday)
6) **Quebec:** June 24 (St. John the Baptist Day)
7) **Saskatchewan:** 1st Monday in August (Saskatchewan Day)
8) **Yukon:** 3rd Monday in August (Discovery Day) When Patent and Trade-marks Offices are closed for business

For the purposes of subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, the Patent and Trade-marks Offices are closed for business on the following days:

All Saturdays and Sundays
*New Year's Day (Jan. 1)
Good Friday
Easter Monday
Victoria Day - First Monday immediately preceding May 25
*St. John the Baptist Day (June 24)
*Canada Day (July 1)
Labour Day - First Monday in September
Thanksgiving Day - Second Monday in October
*Remembrance Day (November 11)
*Christmas Day (December 25)
Boxing Day (December 26)

If December 26 falls on a Saturday, the Patent and Trade-marks Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Patent and Trade-marks Offices will be closed on the following Monday.

14. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: *This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

1) **Alberta** : 3e lundi de février (Jour de la Famille de l'Alberta)
2) **Colombie-Britannique** : 1er lundi d'août (Fête de la Colombie-Britannique)
3) **Nouveau-Brunswick** : 1er lundi d'août (Fête du Nouveau-Brunswick)
4) **Nouvelle-Écosse** : 1er lundi d'août (congé statutaire)
5) **Ontario** : 3e lundi de février (Jour de la Famille de l'Ontario) 1er lundi d'août (congé statuaire)
6) **Québec** : 24 juin (Saint-Jean-Baptiste)
7) **Saskatchewan** : 1er lundi d'août (Fête de la Saskatchewan)
8) **Yukon** : 3e lundi d'août (Jour de la Découverte) Jours de fermeture au public des bureaux des brevets et des marques de commerce

Pour l'application des paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce*, les bureaux des brevets et des marques de commerce sont fermés au public les jours suivants :

Tous les samedi et dimanche
*Jour de l'An (1er janvier)
Vendredi Saint
Lundi de Pâques
Fête de Victoria - premier lundi précédant immédiatement le 25 mai
*Saint-Jean-Baptiste (le 24 juin)
*Fête du Canada (1er juillet)
Fête du travail - premier lundi de septembre
Jour de l'Action de grâces - deuxième lundi d'octobre
*Jour du souvenir (11 novembre)
*Jour de Noël (25 décembre)
L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux des brevets et des marques de commerce seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

14. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the Offices.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets**.

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais «partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships») ainsi que des sociétés à responsabilité limitée (en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce.*

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

15. Correspondence Procedures

May 8, 2012

Effective May 15, 2012 this notice replaces all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

For the purposes of sections 5 and 54 of the *Patent Rules*, section 3 of the *Trade-marks Regulations*, section 2 of the *Copyright Regulations*, section 3 of the *Industrial Design Regulations* and section 3 of the *Integrated Circuit Topography Regulations*, the address of the Patent Office, the Office of the Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours will be considered to be received on the date of delivery.

Note regarding Fee Payment Forms: The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the Fee Payment Form.

15. Procédures de correspondance

Le 8 mai 2012

Le présent avis, en vigueur à compter du 15 mai 2012, remplace tous les avis antérieurs aux procédures de corrspondence.

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

Aux fins des articles 5 et 54 des *Règles sur les brevets*, de l'article 3 du *Règlement sur les marques de commerce*, de l'article 2 du *Règlement sur le droit d'auteur*, de l'article 3 du *Règlement sur les dessins industriels* et de l'article 3 du *Règlement sur les topographies de circuits intégrés*, l'adresse du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC » est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus pendant les heures normales d'ouverture sera réputée reçue le jour de la livraison.

Note concernant le formulaire de paiements: Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit crédit.

Téléchargez le formulaire de paiements.

1. Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-marks Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Industry Canada
   C.D. Howe Building
   235 Queen Street, Room S-143
   Ottawa ON K1A 0H5
   Tel.: 613-952-2268

2. Industry Canada
   5 Place Ville-Marie, Suite 700
   Montreal QC H3B 2G2
   Tel.: 514-496-1797
   Toll-free: 1 888 237-3037

3. Industry Canada
   151 Yonge Street, 4th Floor
   Toronto ON M5C 2W7
   Tel.: 416-973-5000

4. Industry Canada
   Canada Place
   9700 Jasper Avenue, Suite 725
   Edmonton AB T5J 4C3
   Tel.: 780-495-4782
   Toll-free: 1 800 461-2646

5. Industry Canada
   Library Square
   300 West Georgia Street, Suite 2000
   Vancouver BC V6B 6E1
   Tel.: 604-666-5000

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. If, for example, correspondence intended for the Patent Office is delivered to the designated establishment in Toronto on June 24, it will not be considered to be received on June 24 as this is a day on which CIPO is closed for business.

1. Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du *Règlement sur le droit d'auteur*, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Industrie Canada
   Édifice C.D. Howe
   235, rue Queen, pièce S-143
   Ottawa (Ontario) K1A 0H5
   Tél. : 613-952-2268

2. Industrie Canada
   5, Place Ville-Marie, pièce 700
   Montréal (Québec) H3B 2G2
   Tél. : 514-496-1797
   Sans frais : 1-888-237-3037

3. Industrie Canada
   151, rue Yonge, 4e étage
   Toronto (Ontario) M5C 2W7
   Tél. : 416-973-5000

4. Industrie Canada
   Canada Place
   9700, avenue Jasper, pièce 725
   Edmonton (Alberta) T5J 4C3
   Tél. : 780-495-4782
   Sans frais : 1-800-461-2646

5. Industrie Canada
   Library Square
   300, rue Georgia Ouest, pièce 2000
   Vancouver (C.-B.) V6B 6E1
   Tél. : 604-666-5000

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, le courrier destiné au Bureau des brevets et livré le 24 juin à l'établissement désigné à Toronto ne se verra pas attribuer cette date de réception puisque l'OPIC est alors fermé au public.

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

2. Registered Mail Service of Canada Post

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-mark Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the Registered Mail Service of Canada Post is a designated establishment or designated office to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographics may be delivered.

Correspondence delivered through the Registered Mail Service of Canada Post will be considered to be received on the date stamped on the envelope by Canada Post, only if it is also a day on which CIPO is open for business. If the date stamp on the Registered Mail is a day when CIPO is closed for business, the Registered Mail will be considered to be received on the next day on which CIPO is open for business.

3. Electronic Correspondence

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, subsection 3(6) of the *Trade-marks Regulations*, subsection 2(6) of the *Copyright Regulations*, subsection 3(6) of the *Industrial Design Regulations*, and subsection 3(6) of the *Integrated Circuit Topography Regulations*, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographics may be sent by facsimile, online via CIPO's Web site or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the *Patent Rules*, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings and applications prepared using the PCT-EASY or PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the national phase will not be accepted.

Subsection 3(9) of the *Trade-marks Regulations* specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

2. Service Courrier recommandé de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, le service Courrier recommandé de Postes Canada est un établissement ou bureau désigné auquel la correspondance adressée au commissaire aux brevets, au Bureau du droit d'auteur ou au registraire des topographies peut être livrée.

La correspondance livrée par l'entremise du service Courrier recommandé de Postes Canada sera réputée reçue à la date estampillée sur l'enveloppe par Postes Canada seulement si l'OPIC est ouvert au public à cette date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC.

3. Correspondance électronique

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, du paragraphe 3(6) du *Règlement sur les marques de commerce*, du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du *Règlement sur les dessins industriels* et du paragraphe 3(6) du *Règlement sur les topographies de circuits intégrés*, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne sur le site web de l'OPIC ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

Conformément au paragraphe 54(5) des Règles sur les brevets, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-EASY ou PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Le paragraphe 3(9) du *Règlement sur les marques de commerce* prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

3.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

819-953-CIPO (953-2476) or
819-953-OPIC (953-6742)

Facsimile correspondence which is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the covering letter to ensure expedient processing. Payment arrangements may be made through CIPO's Finance Branch at the following number: 819-994-2269.

Patents

The document presentation requirements set out in sections 69 and 70 of the *Patent Rules* apply to facsimile correspondence.

3.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trademarks, the Copyright Office or the Registrar of Topographies may be sent electronically via CIPO's Web site.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

3.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

819-953-OPIC (953-6742) ou
819-953-CIPO (953-2476)

La correspondance par télécopieur qui est transmise à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevez après votre envoi par télécopieur constituera votre accusé de réception de l'envoie. La confidentialité du processus de transmission par télécopieur ne peut pas être garantie.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré dans la lettre d'envoi en vue d'assurer un traitement rapide. Pour prendre les dispositions nécessaires, on pourra communiquer avec la Direction des finances de l'OPIC en composant le 819-994-2269.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des *Règles sur les brevets* s'appliquent à la correspondance par télécopieur.

3.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique sur le site Web de l'OPIC.

Patents

For the purpose of subsection 5(6) of the Patent Rules, the following correspondence with the Patent Office may be sent electronically via CIPO's web site by accessing the following web pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe and ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register of patent agents;
- ordering copies in paper, or electronic form of a document.

Canada as Receiving Office Under the PCT: PCT-SAFE and ePCT

Pursuant to PCT Rule 89*bis*, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT e-Filing.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Trade-marks

For the purpose of subsection 3(6) of the *Trade-marks Regulations*, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically via CIPO's Web site, by accessing the following web pages:

- application for the registration of a trade-mark;
- filing of a revised application;
- renewal of a trade-mark registration;
- request to enter a name on the list of trade-mark agents;
- annual renewal of a trade-mark agent;
- requesting copies of trade-mark documents;
- filing of a declaration of use;
- registration of a trade-mark application;
- statement of opposition; and
- request an extension of time in trade-mark opposition proceedings.

Brevets

Aux fins du paragraphe 5(6) des Règles sur les brevets, la correspondance suivante destinée au Bureau des brevets peut être envoyés par voie électronique au moyen du site Web de l'OPIC, notamment par les pages Web suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe et ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre des agents de brevets;
- commande de copies papier ou d'un document sous forme électronique.

Le Canada comme office récepteur au titre du PCT: PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Marques de commerce

Aux fins du paragraphe 3(6) du *Règlement sur les marques de commerce*, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être transmise par voie électronique sur le site Web de l'OPIC notamment par les pages Web suivantes :

- demande d'enregistrement d'une marque de commerce;
- demande d'enregistrement d'une marque de commerce modifiée;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce;
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce;
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

Copyrights

For the purpose of subsection 2(6) of the *Copyright Regulations*, the following correspondence addressed to the Copyright Office may be sent electronically via CIPO's Web site, by accessing the following web pages:

- application for registration of a copyright in a work;
- application for registration of a copyright in a performer's performance, sound recording or communication signal;
- Filing a grant of interest;
- Request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyrights.

Droits d'auteur

Aux fins du paragraphe 2(6) du *Règlement sur le droit d'auteur*, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- demande d'enregistrement d'un droit d'auteur sur une oeuvre;
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de communication;
- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques; et
- correspondance générale relative aux droits d'auteur.

Industrial Designs

For the purpose of subsection 3(6) of the Industrial Design Regulations, the following correspondence addressed to the Commissioner of Patents may be sent electronically via CIPO's web site, by accessing the following web pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

Dessins industriels

Aux fins du paragraphe 3(6) du Règlement sur les dessins industriels, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the Integrated Circuit Topography Regulations, the following correspondence addressed to the Registrar of Topographies may be sent electronically via CIPO's web site, by accessing the following web pages:

- general correspondence relating to integrated circuit topographies.

Topographies de circuits integers

Topographies de circuits intégrés
Aux fins du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- correspondance générale relative aux topographies de circuits intégrés.

3.3 Electronic Medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements prescribed in the Patent Rules still remain.

3.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande. Les exigences relatives à la date de dépôt énoncées à l'article 93 des *Règles sur les brevets* resteront applicables.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the Patent Rules, the electronic medium must be separate from any electronic medium which may be filed containing parts of the application itself or amendment(s) thereof.

Canada as Receiving Office Under the PCT: PCT-EASY

Pursuant to PCT Rule 89ter, CIPO, in its role as a receiving Office, accepts the filing of an international application containing the request presented as a print-out prepared using the PCT-EASY features of the PCT-SAFE software made available by the International Bureau together with an electronic medium containing a copy in electronic form of the data contained in the request and of the abstract. For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to PCT Rules 89*bis* and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

- only on an electronic medium in electronic form in accordance with section 802 of Part 8 of the PCT Administrative Instructions; or
- both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des *Règles sur les brevets*, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui contient des parties de la demande elle-même ou des modifications relatives à la demande.

Le Canada comme office récepteur au titre du PCT: PCT-EASY

Conformément à la Règle 89ter du PCT, à titre d'office récepteur l'OPIC accepte que le dépôt d'une demande internationale présentée sur support papier et préparée à l'aide des fonctions PCT-EASY du logiciel PCT-SAFE fourni par le Bureau international soit accompagné d'un support électronique contenant une copie sous forme électronique des données figurant dans la demande et l'abrégé. À cette fin, l'office récepteur canadien acceptera tout support électronique indiqué à l'Annexe F des Instructions administratives du PCT.

Le Canada comme office récepteur au titre du PCT: Dépôt électronique des listages de séquences

Conformément aux Règles 89*bis* et 89ter du PCT et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

- seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT; ou
- sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT;

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT respectivement.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labelling of the electronic media and the calculation of the international filing fee, refer to Section 7 of the PCT Administrative Instructions.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of the PCT Administration Instructions.
The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

4. Details concerning the electronic formats accepted

Patents

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, the acceptable file formats for documents submitted electronically via the web site or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the *Patent Rules*, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationale.

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe F des Instructions administratives du PCT.
Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

4. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, les formats de fichiers acceptables pour les documents présentés par voie électronique sur le site Web ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des *Règles sur les brevets*, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black & white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 1/2" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;
- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

ASCII Format:

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

Industrial Design

For the purposes of subsections 3(6) and 12(3) of the *Industrial Design Regulations*, the acceptable file formats for documents submitted electronically via the web site are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc;
- Résolution : 300 ou 400 ppp;
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF :

- Compatible avec Adobe Portable Document Format Version 1.4;
- Texte non comprimé, pour faciliter la recherche;
- Texte non chiffré;
- Pas d'objets OLE incorporés;
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

Format ASCII :

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du *Règlement sur les dessins industriels*, les formats de fichiers acceptables pour les documents présentés électroniquement par le site Web sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ».Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc;
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po;
- Résolution : 300 ppp.

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi.

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database.

5. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

16. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of March 24, 2015 contains applications open to public inspection from March 8, 2015 to March 14, 2015.

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris);
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po;
- Résolution : 300 ppp.

Pour toutes les images soumises dans différents formats, le bureau peut imprimer les images et les balayer par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données.

5. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

16. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 24 mars 2015 contient les demandes disponibles au public pour consultation pour la période du 8 mars 2015 au 14 mars 2015.

Canadian Patents Issued

March 24, 2015

Brevets canadiens délivrés

24 mars 2015

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[11] **2,340,695**
[13] C
[51] **Int.Cl. H04W 74/08 (2009.01)**
[25] EN
[54] **RANDOM ACCESS IN A MOBILE TELECOMMUNICATIONS SYSTEM**
[54] **ACCES ALEATOIRE DANS UN SYSTEME DE TELECOMMUNICATIONS MOBILE**
[72] ESMAILZADEH, RIAZ, JP
[72] JAMAL, KARIM, SE
[72] ROOBOL, CHRISTIAAN, SE
[73] TELEFONAKTIEBOLAGET LM ERICSSON, SE
[85] 2001-02-15
[86] 1999-08-31 (PCT/SE1999/001495)
[87] (WO2000/014989)
[30] US (09/148,224) 1998-09-04

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[11] **2,422,362**
[13] C
[51] **Int.Cl. C12N 15/01 (2006.01) A01H 1/02 (2006.01) A01K 67/02 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **MODULATION OF MEIOTIC RECOMBINATION**
[54] **MODULATION DE RECOMBINAISON MEIOTIQUE**
[72] ROZWADOWSKI, KEVIN L., CA
[72] LYDIATE, DEREK J., CA
[73] HER MAJESTY THE QUEEN IN RIGHT OF CANADA, AS REPRESENTED BY THE MINISTER OF AGRICULTURE AND AGRI-FOOD, CA
[85] 2003-03-13
[86] 2001-09-12 (PCT/CA2001/001306)
[87] (WO2002/022811)
[30] CA (2,319,247) 2000-09-15
[30] US (60/249,296) 2000-11-17
[30] US (60/256,490) 2000-12-20

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[11] **2,458,676**
[13] C
[51] **Int.Cl. A61B 18/14 (2006.01) A61B 18/12 (2006.01)**
[25] EN
[54] **RADIO-FREQUENCY ABLATION SYSTEM USING MULTIPLE ELECTRODES**
[54] **SYSTEME D'ABLATION A RADIOFREQUENCE UTILISANT DES ELECTRODES MULTIPLES**
[72] LEE, FRED T., US
[72] HAEMMERICH, DIETER, US
[72] WEBSTER, JOHN G., US
[72] WRIGHT, ANDREW S., US
[72] JOHNSON, CHRIS D., US
[72] MAHVI, DAVID M., US
[73] WISCONSIN ALUMNI RESEARCH FOUNDATION, US
[85] 2004-02-25
[86] 2002-08-22 (PCT/US2002/026695)
[87] (WO2003/020144)
[30] US (60/315,383) 2001-08-28
[30] US (10/167,681) 2002-06-10

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[11] **2,462,740**
[13] C
[51] **Int.Cl. B03D 1/02 (2006.01)**
[25] EN
[54] **METHOD FOR FROTH FLOTATION**
[54] **METHODE DE FLOTTATION PAR MOUSSE**
[72] KOSICK, GLENN A., CA
[72] DOBBY, GLENN S., CA
[72] COUPLAND, DALE R., CA
[73] SGS LAKEFIELD RESEARCH LTD., CA
[86] (2462740)
[87] (2462740)
[22] 2004-03-31

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[11] **2,475,582**
[13] C
[51] **Int.Cl. B01J 19/10 (2006.01) B01D 3/06 (2006.01) B01D 3/34 (2006.01) B01D 5/00 (2006.01) B01D 17/02 (2006.01) B01D 43/00 (2006.01) C12G 3/10 (2006.01)**
[25] EN
[54] **ULTRASONIC SOLUTION SEPARATOR**
[54] **SEPARATEUR DE SOLUTION A ULTRASONS**
[72] MATSUURA, KAZUO, JP
[72] SATO, MASANORI, JP
[73] ULTRASOUND BREWERY, JP
[86] (2475582)
[87] (2475582)
[22] 2004-07-22
[30] JP (280499/2003) 2003-07-25
[30] JP (302161/2003) 2003-08-26
[30] JP (303705/2003) 2003-08-27
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[11] **2,485,936**
[13] C
[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **HIGH-PERFORMANCE CHANGE CAPTURE FOR DATA WAREHOUSING**
[54] **CAPTURE DE CHANGEMENT HAUTE PERFORMANCE POUR ENTREPOSAGE DE DONNEES**
[72] NORCOTT, WILLIAM D., US
[73] ORACLE INTERNATIONAL CORPORATION, US
[85] 2004-11-12
[86] 2003-05-23 (PCT/US2003/016402)
[87] (WO2003/100666)
[30] US (60/383,387) 2002-05-24
[30] US (10/435,703) 2003-05-12

[11] **2,486,392**
[13] C
[51] **Int.Cl. C12N 15/82 (2006.01) A01H 5/00 (2006.01) C07K 14/415 (2006.01)**
[25] EN
[54] **METHOD FOR THE STABLE EXPRESSION OF NUCLEIC ACIDS IN TRANSGENIC PLANTS, CONTROLLED BY A PARSLEY-UBIQUITIN PROMOTER**
[54] **PROCEDE D'EXPRESSION STABLE D'ACIDES NUCLEIQUES DANS DES VEGETAUX TRANSGENIQUES PAR COMMANDE D'UN PROMOTEUR D'UBIQUITINE DE PERSIL**
[72] PLESCH, GUNNAR, DE
[72] EBNETH, MARCUS, DE
[73] METANOMICS GMBH & CO. KGAA, DE
[85] 2004-11-17
[86] 2003-05-30 (PCT/EP2003/005668)
[87] (WO2003/102198)
[30] DE (102 24 889.3) 2002-06-04

[11] **2,487,410**
[13] C
[51] **Int.Cl. C12N 15/87 (2006.01) C12N 5/078 (2010.01) A61K 35/28 (2015.01) A61P 9/00 (2006.01) C12N 5/10 (2006.01) C12N 15/85 (2006.01) C12N 15/861 (2006.01) C07K 14/52 (2006.01)**
[25] EN
[54] **INTRAMYOCARDIAL INJECTION OF AUTOLOGOUS BONE MARROW**
[54] **INJECTION INTRAMYOCARDIQUE DE MOELLE OSSEUSE AUTOLOGUE**
[72] EPSTEIN, STEPHEN, US
[72] FUCHS, SHMUEL, US
[72] KORNOWSKI, RAN, IL
[72] LEON, MARTIN B., US
[72] CARPENTER, KENNETH W., US
[73] BIOMET BIOLOGICS, LLC, US
[85] 2004-11-26
[86] 2003-05-16 (PCT/US2003/015529)
[87] (WO2003/101201)
[30] US (10/160,514) 2002-05-30

[11] **2,496,321**
[13] E
[51] **Int.Cl. G01N 33/68 (2006.01) C07K 14/47 (2006.01) C07K 14/74 (2006.01) C07K 14/805 (2006.01) C07K 14/81 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **BIOMARKERS FOR DIAGNOSING ALZHEIMER'S DISEASE**
[54] **MARQUEURS BIOLOGIQUES PERMETTANT LE DIAGNOSTIC DE LA MALADIE D'ALZHEIMER**
[72] YALKINOGLU, OEZKAN, DE
[72] KOENIG, GERHARD, US
[72] HOCHSTRASSER, DENIS FRANCOIS, CH
[72] SANCHEZ, JEAN-CHARLES, CH
[72] CARRETTE, ODILE, FR
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[54] **DISPOSITIF ET SYSTEME DE DENSIFICATION ET DE TRANSPORT DE MATERIAUX EN VRAC, ET METHODES CONNEXES**
[72] CHAMBERS, ARTHUR NELSON, CA
[72] PEDERSEN, STANLEY EVAN, CA
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[54] **ADMINISTRATION DE COMPOSES THERAPEUTIQUES AU CERVEAU ET A D'AUTRES TISSUS**
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[54] **GESTION DE LA SECURITE INFORMATIQUE, PAR EXEMPLE DANS UNE MACHINE VIRTUELLE OU UN SYSTEME D'EXPLOITATION DURCI**
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[72] RAY, KENNETH D., US
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[54] **APPAREIL ET PROCEDE DE STIMULATION BIOELECTRIQUE, D'ACCELERATION DE LA CICATRISATION, DE SOULAGEMENT DE LA DOULEUR OU DE DEVITALISATION D'AGENTS PATHOGENES**
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[54] **PROCEDE ET DISPOSITIF DE COMMUNICATION SANS FIL POUR TRANSFERER DES DONNEES SORTANTES AMELIOREES EN MEMOIRE-TAMPON D'UNE STATION MOBILE A UN NOEUD B**
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[72] DICK, STEPHEN G., US
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[54] **PROCEDE PERMETTANT D'OBTENIR DES CONCENTRES DE TITANE PRESENTANT DE FORTES TENEURS EN TIO<SB>2</SB> ET DE FAIBLES TENEURS EN ELEMENTS RADIONUCLEIDES A PARTIR DE CONCENTRES MECANIQUES D'ANATASE**
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[54] **DISPOSITIF MEDICAL IMPLANTABLE AVEC INDICATEUR**
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[54] **DISPOSITIF ET METHODE DE DISPOSITION**
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[54] **BIOCONVERSION CATALYTIQUE D'EAUX USEES ET DE DECHETS CONTAMINES PAR DES PRODUITS PETROLIERS AU MOYEN DE POUDRE DE COEUR DE KENAF**
[72] TIEMEYER, ERIC B., US
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[73] ZYLUM BETEILGUNGSGESELLSCHAFT MBH & CO. PATENTE II KG, DE
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[54] **CATALYST COMPOSITIONS COMPRISING METAL PHOSPHATE BOUND ZEOLITE AND METHODS OF USING SAME TO CATALYTICALLY CRACK HYDROCARBONS**
[54] **COMPOSITIONS DE CATALYSE COMPRENANT UN ZEOLITE LIE A UN PHOSPHATE DE METAL ET PROCEDES UTILISANT CES COMPOSITIONS POUR CRAQUER DE MANIERE CATALYTIQUE DES HYDROCARBURES**
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[54] **PRODUITS DE PATES LEVEES, EMBALLES DANS UN EMBALLAGE SOUS VIDE ET PROCEDES ASSOCIES**
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[73] GENERAL MILLS MARKETING, INC., US
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[54] **DISPOSITIFS OPHTALMIQUES COMPORTANT UN FILTRE HAUTEMENT SELECTIF TRANSMETTANT LA LUMIERE ULTRAVIOLETTE ET PROCEDES AFFERENTS**
[72] MAINSTER, MARTIN A., US
[72] LANG, ALAN J., US
[72] LOWERY, MICHAEL D., US
[72] PEARSON, JASON CLAY, US
[72] KING, GREGORY ALLAN, US
[72] WEAVER, MAX ALLEN, US
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[54] **LOCALISATION, DOTATION DE CAPACITES ET IDENTIFICATION DE DISPOSITIFS DANS UN RESEAU**
[72] DROMS, RALPH, US
[72] SAVILLE, ROLAND, US
[72] VOGEL, GARY DENNIS, JR., US
[73] CISCO TECHNOLOGY, INC., US
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[54] **SYSTEMES, DISPOSITIFS ANALYTIQUES ET CARTOUCHES ASSOCIEES**
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[72] STIVERS, CAROLE R., US
[73] BAYER HEALTHCARE LLC, US
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[54] **POLYNUCLEOTIDES SERVANT A DETECTER LES PRODUCTEURS DE VEROTOXINE ESCHERICHIA COLI O157:H7 ET ESCHERICHIA COLI O157:NM**
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[72] COTE, YVAN, CA
[72] TAYLOR, GREGORY, CA
[73] AES CHEMUNEX S.A., FR
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[73] FREEBIT CO., LTD., JP
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[54] **SYSTEME DE DEGIVRAGE ET/OU DE DESEMBUAGE D'UNE SURFACE D'UN AERONEF, PROCEDE DE COMMANDE D'UN TEL SYSTEME, ET AERONEF EQUIPE D'UN TEL SYSTEME**
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[54] **MATRICE POREUSE BIOCOMPATIBLE ET BIODEGRADABLE NOTAMMENT UTILE POUR LA RECONSTRUCTION TISSULAIRE**
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[73] BLACKBERRY LIMITED, CA
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[72] DESBORDES, PHILIPPE, FR
[72] VILLIER, ALAIN, FR
[72] GROSJEAN-COURNOYER, MARIE-CLAIRE, FR
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[54] **COPOLYMERES, PROCEDE DE PRODUCTION DE CES COPOLYMERES ET LEUR UTILISATION POUR TRAITER DES SURFACES**
[72] PFEIFFER, THOMAS, DE
[72] WITTELER, HELMUT, DE
[72] DIETSCHE, FRANK, DE
[72] HEIDENFELDER, THOMAS, DE
[72] MAEHLING, FRANK-OLAF, DE
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[54] **PROCEDE POUR APPLIQUER UNE OU PLUSIEURS COUCHES SUR UN SUBSTRAT AU MOYEN D'UN PROCEDE DE COUCHAGE DE VOILE MULTICOUCHE, AINSI QUE SUR UNE FEUILLE DECORATIVE**
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[72] OVERBY JR., LINWOOD HUGH, US
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[54] **COMPOSITIONS PHARMACEUTIQUES DE VALATOGRAST ET PROCEDE POUR LEUR PREPARATION**
[72] CHATTERJI, ASHISH, US
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[72] PREVOST, DOMINIC, CA
[72] DESAULNIERS, LEONARD, CA
[72] BATTAGLIA, ROBERT, CA
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[54] **DISPOSITIF DE DOSAGE DOTE D'UN DISPOSITIF DE POMPAGE ACTIONNE A LA MAIN**
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[73] SONY CORPORATION, JP
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[54] **FILM MULTICOUCHE THERMORETRACTABLE ET MATERIAU DE CONDITIONNEMENT UTILISANT CELUI-CI**
[72] ISHII, HITOSHI, JP
[72] IBE, SEIICHI, JP
[72] ITOH, TADAYOSHI, JP
[72] NAKAKI, SHIGEYOSHI, JP
[73] KUREHA CORPORATION, JP
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[72] WALLIN, JACK GARRY, US
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[72] DALLAPIAZZA, JOSEPH J., US
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[54] **PROCEDE DE MESURE DE CONNECTIVITE DE RESRVOIR EMPLOYANT LES TEMPS DE TRAJET DE FLUIDES**
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[72] WU, XIAO-HUI, US
[72] SUN, TAO, US
[72] GOULDING, FRANK J., US
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[54] **ENSEMBLE DE PANNEAU DE REVETEMENT D'AILE ET PANNEAU DE REVETEMENT D'AILE POUR UNE AILE D'AVION ET SON PROCEDE DE FORMATION**
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[54] **APPAREIL ET PROCEDE POUR CHAUFFER ET/OU REFROIDIR**
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[73] SCANDINAVIAN ENERGY EFFICIENCY CO. SEEC AB, SE
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[54] **PROCEDES ET SYSTEMES DE PREPARATION DE FILMS ET DE REVETEMENTS ANTIMICROBIENS**
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[73] C.G. AIR SYSTEMES INC., CA
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[54] **PROCEDE DE PRODUCTION DE DIOXYDE DE CARBONE ET D'HYDROGENE A PARTIR DE GAZ DE SYNTHESE**
[72] HOWARD, HENRY EDWARD, US
[72] SHAH, MINISH MAHENDRA, US
[72] BILLINGHAM, JOHN FREDRIC, US
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[72] SANDS, EARL E., US
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[54] **STABILISATION DE DIESTERS D'UN ACIDE DICARBOXYLIQUE**
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[73] LANXESS DEUTSCHLAND GMBH, DE
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[54] **PROCEDE POUR STABILISER LA CRISTALLISATION D'UN MELANGE DE MATIERE GRASSE ET D'HUILE CONTENANT PLUS DE 10 % DE BEURRE DE CACAO ET AYANT UNE FAIBLE TENEUR EN MATIERE GRASSE TRANS**
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[72] KEGELAERS, YVES, BE
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[72] EIERMANN, MICHAEL, DE
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[54] **DISPOSITIF D'INFUSION POUR CAPSULE AVEC MECANISME DE FERMETURE A RAPPORT DE TRANSMISSION VARIABLE**
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[72] KIRKUP, MICHAEL GRANT, CA
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[72] MANEA, ALEXANDRU-RADU, CA
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[72] SCHALLIG, MICHIEL ALLAN AURELIUS, US
[72] JOUSMA, HENDRIK RICHARD, US
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[54] **PROCEDE DE FORMATION D'UN CONDUCTEUR MULTIFILAMENT TOLERANT LE COURANT ALTERNATIF AVEC ELEMENT DE STABILISATION STRIE, ARTICLES ASSOCIES A CE CONDUCTEUR ET DISPOSITIF COMPRENANT CE CONDUCTEUR**
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[72] BARRACLOUGH, PAUL, GB
[73] UNIVERSITY OF GREENWICH, GB
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[54] **4-HETEROARYL-SUBSTITUTED 1-AMINOCYCLOHEXANE-1- AND CYCLOHEXANE-1-DERIVATIVES HAVING EFFECTS OF THE OPIOID RECEPTOR SYSTEM**
[54] **DERIVES A SUBSTITUTION 4 HETEROARYLE 1 AMINOCYCLOHEXANE 1 ET CYCLOHEXANE 1 AYANT LES EFFETS DU SYSTEME DE RECEPTEURS OPIOIDES**
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[72] KOEGEL, BABETTE-YVONNE, DE
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[54] **CERTAINS 1H-IMIDAZO[4,5-B]PYRAZIN-2(3H)-ONES ET 1H-IMIDAZO[4,5-B]PYRAZIN-2-OLS, COMPOSITIONS DE CEUX-CI ET LEUR UTILISATION**
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[72] FINER, JEFFREY T., US
[72] LU, PU-PING, US
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[72] DRAKE III, DONALD, US
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[72] SINGH, INDERPAL, US
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[72] MUNK, JOEL, US
[73] METAVANTE CORPORATION, US
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[73] FERNO-WASHINGTON, INC., US
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[54] **PROCEDE ET DISPOSITIF DE TRAITEMENT DE MATIERES LIQUIDES A BASE DE PRODUITS DE RESIDUS ORGANIQUES**
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[73] CONTERRA TECHNOLOGY AS, NO
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[54] **PROCEDE DE PRODUCTION DE COMBUSTIBLES A PARTIR DE DECHETS**
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[73] THERMOSELECT AKTIENGESELLSCHAFT, LI
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[72] CHERRINGTON, JULIE M., US
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[54] **SYSTEMS AND METHODS FOR PROVIDING A THERMOPLASTIC PRODUCT THAT INCLUDES PACKAGING THEREFOR**
[54] **SYSTEMES ET PROCEDES POUR OBTENIR UN PRODUIT THERMOPLASTIQUE QUI COMPREND UN EMBALLAGE POUR CELUI-CI**
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[72] MAXWELL, KEN W., US
[73] MAXWELL PRODUCTS, INC., US
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[54] **SYSTEMES CATALYTIQUES DE TETRAMERISATION D'ETHYLENE ET PROCEDE DE PREPARATION DE 1-OCTENE AU MOYEN DE CES SYSTEMES**
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[73] KABUSHIKI KAISHA TOSHIBA, JP
[73] TELCORDIA TECHNOLOGIES, INC., US
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[54] **TOLE D'ACIER STRATIFIEE POUR BIDON EN DEUX PIECES, PROCEDE DE FABRICATION DE BIDON EN DEUX PIECES ET BIDON STRATIFIE EN DEUX PIECES**
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[72] KITAGAWA, JUNICHI, JP
[72] IWASA, HIROKI, JP
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[72] MEYER, JEAN-PHILIPPE, US
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[72] KUREK, JOHN S., US
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[54] **PROCEDES DE PRODUCTION DE PENTAFLUORURE PHOSPHOREUX ET D'HEXAFLUOROPHOSPHATE**
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[72] COLLIER, JEROME, FR
[72] CHOUARD, PIERRE-ALAIN, FR
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[54] **PROCEDES DE RECUPERATION D'HYDROCARBURES A PARTIR D'UN MATERIAU HYDROCARBONE AU MOYEN D'UNE INFRASTRUCTURE ELABOREE ET DE SYSTEMES ASSOCIES**
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[72] WHITE, GERARD, AU
[73] BREVILLE PTY LIMITED, AU
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[54] **COMPOSITION PHARMACEUTIQUE COMPORTANT DES DERIVES DE PYRAZINE ET DES INHIBITEURS DE NEURAMINIDASE POUR TRAITER LES INFECTIONS PAR LE VIRUS DELA GRIPPE**
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[54] **PROCEDE DE FABRICATION D'UN AGENT D'IMAGERIE DE DIAGNOSTIC PAR RAYONNEMENT**
[72] NAKAMURA, DAISAKU, JP
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[54] **DISPOSITIFS DE TRANSMISSION/RECEPTION DE RADIODIFFUSION NUMERIQUE POUVANT AMELIORER UNE PERFORMANCE DE RECEPTION ET PROCEDE DE TRAITEMENT DE SIGNAUX ASSOCIE**
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[72] JEONG, HAE-JOO, KR
[72] KIM, JOON-SOO, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
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[54] **DISPOSITIFS DE TRANSMISSION/RECEPTION DE RADIODIFFUSION NUMERIQUE POUVANT AMELIORER UNE PERFORMANCE DE RECEPTION ET PROCEDE DE TRAITEMENT DE SIGNAUX ASSOCIE**
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[54] **SYSTEMES SYNERGISTES DE GESTION DE LA CORROSION DESTINES A CONTROLER, ELIMINER ET/OU GERER LA CORROSION**
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[73] NORTHERN TECHNOLOGIES INTERNATIONAL CORP., US
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[73] THERMAFIBER, INC., US
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[73] TRANSGENE S.A., FR
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[54] **AGENT DE DURCISSEMENT POUR RESINE AMINE EPOXY, COMPOSITION DE RESINE EPOXY FORMANT UNE BARRIERE CONTRE LES GAZ QUI COMPREND L'AGENT DE DURCISSEMENT, AGENT DE REVETEMENT ET AGENT ADHESIF POUR STRATIFIE**
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[72] HIROSE, SHIGEYUKI, JP
[72] AYUBA, SHINICHI, JP
[72] HONDA, EIICHI, JP
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[72] BLACK, KEVIN JOSEPH, NZ
[72] WATSON, GAVIN BLAIR, NZ
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[73] QUALCOMM INCORPORATED, US
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[72] ILCHENKO, VLADIMIR, US
[73] OEWAVES, INC., US
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[54] **PROCEDE DE TRAITEMENT D'ENVOIS POSTAUX EXPLOITANT L'IDENTIFICATION VIRTUELLE DES ENVOIS AVEC LE READRESSAGE**
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[73] SOLYSTIC, FR
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[54] **INSTRUMENTS ET RECEPTACLES POUR EFFECTUER DES PROCEDES**
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[54] **COMPOSITION DE REVETEMENT ET SYSTEME DE REVETEMENT REFLECHISSANT CONTENANT CETTE DERNIERE**
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[54] **PROCEDES D'AMELIORATION DE LA FONCTION COGNITIVE EN UTILISANT DES COMPOSES NON PEPTIDIQUES**
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[54] **PROCEDE POUR EFFECTUER DES EXAMENS DE MICRO-PERIMETRIE SUR LA BASE D'UNE IMAGE DE VOLUME RETINIEN ET D'UNE IMAGE DE FOND D'OEIL BIEN ALIGNEE**
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[54] **ANTI-COUNTERFEIT PRINTED MATTER, METHOD OF MANUFACTURING THE SAME, AND RECORDING MEDIUM STORING HALFTONE DOT DATA CREATION SOFTWARE**
[54] **MATERIAU IMPRIME ANTI-CONTREFACON, PROCEDE DE PRODUCTION DUDIT MATERIAU, ET SUPPORT D'ENREGISTREMENT SUR LEQUEL EST MEMORISE LE LOGICIEL DE CREATION DE DONNEES DE POINT**
[72] KIUCHI, MASATO, JP
[72] KIUCHI, SUSUMU, JP
[72] SATOH, KAYOKO, JP
[72] OHSHIMA, KAZUYA, JP
[73] NATIONAL PRINTING BUREAU, INCORPORATED ADMINISTRATIVE AGENCY, JP
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[54] **CONVEYOR BELT CONDITION MONITORING SYSTEM**
[54] **SYSTEME DE CONTROLE DE L'ETAT D'UNE BANDE TRANSPORTEUSE**
[72] TWIGGER, MICK, US
[72] HURD, DAVID, US
[72] MYERS, GEORGE MARK, US
[72] MAY, ANTHONY MICHAEL, US
[73] FENNER DUNLOP AMERICAS, INC., US
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[54] **APPARATUS AND METHOD FOR FACILITATING TRANSMIT DIVERSITY FOR COMMUNICATIONS**
[54] **APPAREIL ET PROCEDE DESTINES A FACILITER LA DIVERSITE D'EMISSION POUR DES COMMUNICATIONS**
[72] GAAL, PETER, US
[72] MONTOJO, JUAN, US
[72] LUO, XILIANG, US
[72] ZHANG, XIAOXIA, US
[73] QUALCOMM INCORPORATED, US
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[25] EN
[54] **PRESSURE COMPENSATOR**
[54] **COMPENSATEUR DE PRESSION**
[72] VIRTANEN, ESA, FI
[72] HALDIN, THORVALD, FI
[72] MISSING, KIM, FI
[73] ABB TECHNOLOGY AG, CH
[85] 2011-03-21
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[25] EN
[54] **SYSTEM AND METHOD FOR CONTROLLING A CONVEYOR BELT CONDITION MONITORING SYSTEM**
[54] **SYSTEME ET PROCEDE DE COMMANDE D'UN SYSTEME DE CONTROLE DE L'ETAT D'UNE BANDE TRANSPORTEUSE**
[72] TWIGGER, MICK, US
[72] MYERS, GEORGE MARK, US
[72] MAY, ANTHONY MICHAEL, US
[73] FENNER DUNLOP AMERICAS, INC., US
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[25] EN
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[54] **RENDU BINAURAL D'UN SIGNAL AUDIO MULTICANAL**
[72] KOPPENS, JEROEN, NL
[72] MUNDT, HARALD, DE
[72] TERENTIEV, LEONID, DE
[72] FALCH, CORNELIA, DE
[72] HILPERT, JOHANNES, DE
[72] HELLMUTH, OLIVER, DE
[72] VILLEMOES, LARS, SE
[72] PLOGSTIES, JAN, DE
[72] BREEBAART, JEROEN, NL
[72] ENGDEGARD, JONAS, SE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[73] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL
[73] DOLBY INTERNATIONAL AB, SE
[85] 2011-04-05
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[54] **ELECTRONIC CONTROL SYSTEM FOR A DOWNHOLE TOOL**
[54] **SYSTEME DE COMMANDE ELECTRONIQUE POUR OUTIL DE FOND DE PUITS**
[72] KONSCHUH, CHRISTOPHER, CA
[72] COMEAU, LAURIER E., CA
[73] ARRIVAL OIL TOOLS, INC., CA
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[87] (2739981)
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[54] **DISPOSITIF DE BOUCHON D'OREILLE DE SECURITE**
[72] ZHU, AIDAO, CN
[73] ZHU, AIDAO, CN
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[54] **METHOD AND APPARATUS FOR CALCULATING AN INITIAL TRANSMISSION POWER IN UNIVERSAL MOBILE TELECOMMUNICATIONS SYSTEM USER EQUIPMENT**
[54] **METHODE ET APPAREIL PERMETTANT DE CALCULER LA PUISSANCE D'EMISSION INITIALE DE L'EQUIPEMENT D'UN UTILISATEUR DE SYSTEME UNIVERSEL DE TELECOMMUNICATIONS MOBILES**
[72] FARNSWORTH, ANDREW, GB
[72] NORTON, MARK DENNIS, GB
[73] BLACKBERRY LIMITED, CA
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[25] FR
[54] **RING FOR A HYDROSTATIC AND HYDRODYNAMIC BEARING, HYDRAULIC MACHINE PROVIDED WITH SUCH A RING AND METHOD FOR MOUNTING SUCH A RING ON A SHAFT**
[54] **BAGUE POUR PALIER HYDROSTATIQUE OU HYDRODYNAMIQUE, MACHINE HYDRAULIQUE EQUIPEE D'UNE TELLE BAGUE ET PROCEDE DE MONTAGE D'UNE TELLE BAGUE SUR UN ARBRE**
[72] MELET, LUC, FR
[73] ALSTOM RENEWABLE TECHNOLOGIES, FR
[85] 2011-05-10
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[54] **METHOD AND APPARATUS FOR ESTIMATING THE INSTANTANEOUS ROTATIONAL SPEED OF A BOTTOM HOLE ASSEMBLY**
[54] **PROCEDE ET APPAREIL PERMETTANT D'ESTIMER LA VITESSE INSTANTANEE DE ROTATION D'UN ENSEMBLE EN FOND DE TROU DE FORAGE**
[72] NESSJOEN, PAAL JACOB, NO
[72] KYLLINGSTAD, AAGE, NO
[73] NATIONAL OILWELL VARCO, L.P., US
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[54] **A PROSTHETIC DEVICE AND METHOD OF MANUFACTURING THE SAME**
[54] **DISPOSITIF PROTHETIQUE ET PROCEDE POUR LE FABRIQUER**
[72] MORTARINO, ENRICO, US
[73] ALLERGAN, INC., US
[85] 2011-06-02
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[25] EN
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[54] **SYSTEME ET PROCEDE DE SURVEILLANCE D'ANIMAUX**
[72] O'HARE, BRENDAN, GB
[72] O'HARE, DECLAN, GB
[72] LEE, JONATHAN, GB
[73] FAIRE (NI) LIMITED, GB
[85] 2011-06-10
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[25] EN
[54] **A SYSTEM, NETWORK AND METHOD FOR MULTI-PLATFORM PUBLISHING AND SYNCHRONIZED CONTENT**
[54] **SYSTEME, RESEAU ET PROCEDE POUR LA PUBLICATION SUR PLUSIEURS PLATEFORMES ET CONTENU SYNCHRONISE**
[72] GLIDDEN, JODY D., US
[72] HUDSON, DAVID JAMES, CA
[72] LEBLANC, MICHAEL, CA
[72] O'REILLY, JACOB SAMUEL, CA
[72] POWELL, HOWARD FRITH, CA
[72] VERZILLI, SILVIO, CA
[72] WAUGH, MICHAEL DEREK, CA
[73] BLACKBERRY LIMITED, CA
[85] 2011-06-21
[86] 2009-05-04 (PCT/CA2009/000615)
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[54] **COMPOSITION A BASE DE 1,3,3,3-TETRAFLUOROPROPENE**
[72] RACHED, WISSAM, FR
[72] BOUSSAND, BEATRICE, FR
[73] ARKEMA FRANCE, FR
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[54] **PRESSURE VESSEL BOSS AND LINER INTERFACE**
[54] **INTERFACE DE BOSSAGE ET DE REVETEMENT INTERIEUR DE RECIPIENT SOUS PRESSION**
[72] NEWHOUSE, NORMAN L., US
[72] TILLER, DALE B., US
[73] HEXAGON TECHNOLOGY AS, US
[85] 2011-07-08
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[54] **THREE-IN-TWO POCKET SYSTEM**
[54] **SYSTEME DE POCHES TROIS EN DEUX**
[72] MAROIS, CAROLINE, US
[72] MCKINNEY, SUE, US
[73] DASHAMERICA, INC., US
[85] 2011-07-18
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[54] **TARGETED GROUP SCALING FOR ENHANCED DISTRIBUTED SPECTRUM SENSING**
[54] **MISE A L'ECHELLE D'UN GROUPE CIBLE PERMETTANT UNE MEILLEURE DETECTION DE SPECTRE REPARTIE**
[72] KYPEROUNTAS, SPYROS, US
[72] CORREAL, NELYER S., US
[72] SHI, QICAI, US
[73] MOTOROLA SOLUTIONS, INC., US
[85] 2011-07-25
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[25] EN
[54] **SEQUENCING OF VARIABLE SPEED COMPRESSORS IN A CHILLED LIQUID COOLING SYSTEM FOR IMPROVED ENERGY EFFICIENCY**
[54] **SEQUENCEMENT DE COMPRESSEURS A VITESSES VARIABLES DANS UN SYSTEME DE REFROIDISSEMENT PAR LIQUIDE REFRIGERE POUR UN RENDEMENT ENERGETIQUE AMELIORE**
[72] HARTMAN, THOMAS B., US
[73] OPTIMUM ENERGY, LLC, US
[85] 2011-07-28
[86] 2010-01-20 (PCT/US2010/021534)
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[25] EN
[54] **MULTIBRANCHED BIOADHESIVE COMPOUNDS AND SYNTHETIC METHODS THEREFOR**
[54] **COMPOSES BIOADHESIFS RAMIFIES, ET TECHNIQUES DE SYNTHESE CORRESPONDANTES**
[72] LEE, BRUCE P., US
[72] SILVARY, SUNIL, US
[72] MURPHY, JOHN L., US
[73] KENSEY NASH CORPORATION, US
[85] 2011-08-04
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[25] EN
[54] **METHODS AND APPARATUS FOR USE IN IMPROVING NETWORK COVERAGE FOR VOICE OR DATA CALLS**
[54] **PROCEDES ET APPAREILS DESTINES A AMELIORER LA ZONE DE COUVERTURE D'UN RESEAU POUR LES APPELS EN MODE PHONIE OU EN MODE DONNEES**
[72] MONTEMURRO, MICHAEL PETER, CA
[72] SMADI, MOHAMMED NAWAF, CA
[73] BLACKBERRY LIMITED, CA
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[54] **INSTRUMENT DE SOINS BUCCAUX EQUIPE D'UN SYSTEME DE DISTRIBUTION DE FLUIDE**
[72] GATZEMEYER, JOHN J., US
[72] BOYD, THOMAS J., US
[72] JIMENEZ, EDUARDO J., US
[72] RUSSELL, BRUCE M., US
[73] COLGATE-PALMOLIVE COMPANY, US
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[54] **SYSTEME PERMETTANT D'EMPECHER UNE INTERFERENCE ENTRE UN CONTENU PRIMAIRE ET SECONDAIRE DANS UN AFFICHAGE STEREOSCOPIQUE**
[72] GUILLOU, JEAN-PIERRE, US
[73] SONY CORPORATION, JP
[73] SONY ELECTRONICS INC., US
[85] 2011-08-12
[86] 2010-02-04 (PCT/US2010/023200)
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[54] **PIPE CONNECTING SYSTEM**
[54] **SYSTEME DE RACCORD POUR TUYAU**
[72] KEAYS, STEVEN, CA
[72] CHUNE, RONALD, CA
[72] KLASSEN, TRAVIS, CA
[73] NAIAD COMPANY LTD., CA
[86] (2752921)
[87] (2752921)
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[54] **SYSTEMS AND METHODS OF ADJUSTING CONTACT IMPORTANCE FOR A COMPUTING DEVICE**
[54] **SYSTEMES ET METHODES DE REGLAGE DE L'IMPORTANCE D'UN CONTACT POUR UN APPAREIL INFORMATIQUE**
[72] BECKER IV, STEPHEN, US
[72] TURNER, BENJAMIN JOHN, US
[73] BLACKBERRY LIMITED, CA
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[54] **CURABLE PHASE CHANGE INKS CONTAINING CRYSTALLINE POLYESTERS**
[54] **ENCRES A CHANGEMENT DE PHASE DURCISSABLES CONTENANT DES POLYESTERS CRISTALLINS**
[72] CHRETIEN, MICHELLE N., CA
[72] ROOF, BRYAN J., US
[72] KEOSHKERIAN, BARKEV, CA
[72] CHOPRA, NAVEEN, CA
[72] ODELL, PETER G., CA
[73] XEROX CORPORATION, US
[86] (2754310)
[87] (2754310)
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[51] **Int.Cl. H01M 4/04 (2006.01) H01M 4/1391 (2010.01) H01M 4/1397 (2010.01)**
[25] EN
[54] **POSITIVE ELECTRODE ACTIVE MATERIAL, PRODUCTION METHOD THEREOF AND ITS USE**
[54] **MATERIAU ACTIF POUR ELECTRODE POSITIVE, METHODE DE PRODUCTION CONNEXE ET UTILISATION DUDIT MATERIAU**
[72] SUEKI, TOSHITSUGU, JP
[72] NISHIJIMA, MOTOAKI, JP
[72] OHIRA, KOJI, JP
[72] ESAKI, SHOGO, JP
[72] TANAKA, ISAO, JP
[72] KOYAMA, YUKINORI, JP
[72] TANAKA, KATSUHISA, JP
[72] FUJITA, KOJI, JP
[72] MURAI, SHUNSUKE, JP
[73] SHARP KABUSHIKI KAISHA, JP
[86] (2755059)
[87] (2755059)
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[25] EN
[54] **CHARACTER INPUT METHOD UTILIZING COMMUNICATIONS DEVICE NAVIGATION MODULE**
[54] **PROCEDE D'ENTREE DE CARACTERES UTILISANT UN DISPOSITIF DE COMMUNICATION ET UN MODULE DE NAVIGATION**
[72] WUN, ARCHER CHI KWONG, CA
[72] LEUNG, CHRIS KWOK CHING, CA
[73] BLACKBERRY LIMITED, CA
[86] (2755461)
[87] (2755461)
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[51] **Int.Cl. A61K 8/25 (2006.01) A61K 8/44 (2006.01) A61K 31/695 (2006.01) A61P 1/02 (2006.01) A61Q 11/00 (2006.01)**
[25] EN
[54] **DENTIFRICE COMPOSITIONS AND METHODS FOR TREATING AND PREVENTING DAMAGE TO TOOTH SURFACES**
[54] **COMPOSITIONS DE DENTIFRICE ET PROCEDES DE TRAITEMENT ET DE PREVENTION DE DOMMAGES A DES SURFACES DE DENT**
[72] PILCH, SHIRA, US
[72] MASTERS, JAMES GERARD, US
[73] COLGATE-PALMOLIVE COMPANY, US
[85] 2011-09-28
[86] 2009-04-01 (PCT/US2009/039198)
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[54] **COMMUNICATION SYSTEM WITH MULTICARRIER TELEPHONY TRANSPORT**
[54] **SYSTEME DE COMMUNICATION A TELEPHONE MULTIPORTEUSE**
[72] GEILE, MICHAEL J., US
[72] ROBERTS, HAROLD A., US
[72] BREDE, JEFFREY, US
[73] HTC CORPORATION, TW
[86] (2757542)
[87] (2757542)
[22] 1997-01-24
[62] 2,690,127
[30] US (60/010,506) 1996-01-24
[30] US (60/010,497) 1996-01-24
[30] US (08/650,408) 1996-05-20
[30] US (08/673,002) 1996-06-28

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[25] EN
[54] **FISCHER-TROPSCH SYNTHESIS CATALYST, PREPARATION AND APPLICATION THEREOF**
[54] **CATALYSEUR DE SYNTHESE FISCHER-TROPSCH, SA PREPARATION ET SES APPLICATIONS**
[72] YANG, YONG, CN
[72] WU, BAOSHAN, CN
[72] LI, YONGWANG, CN
[72] XIANG, HONGWEI, CN
[73] SYNFUELS CHINA TECHNOLOGY CO., LTD., CN
[85] 2011-10-04
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[87] (WO2010/121516)
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[72] CREAMER, MARIANNE, US
[72] WAN, QICHUN, US
[72] MANNA, JOSEPH, US
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[73] ELECTROLUX HOME PRODUCTS, INC., US
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[72] OLIVER, DAVID ANTHONY, GB
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[72] TOMIZAWA, ATSUSHI, JP
[72] INOUE, SABURO, JP
[73] SUMITOMO PIPE & TUBE CO., LTD., JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[72] TOMIZAWA, ATSUSHI, JP
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[54] **MEMORISATION D'OBJET DE DONNEES ET SERVEUR POUR UN ENVIRONNEMENT DE MEMORISATION EN NUAGE**
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[72] MULLER, MARCUS S., US
[72] KOTTOMTHARAYIL, RAJIV, US
[72] KAVURI, SRINIVAS, IN
[72] GOKHALE, PARAG, US
[72] VIJAYAN, MANOJ, US
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[54] **APPAREIL D'ESSAI A ULTRASONS POUR ROUE FERROVIAIRE**
[72] OLIVER, JOHN R., US
[72] OLIVER, JOHN D., US
[73] AMSTED RAIL COMPANY, INC., US
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[72] VETESNIK, JAN, CA
[73] TUFFBUILT PRODUCTS INC., CA
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[54] **TOLE D'ACIER A HAUTE RESISTANCE ET PROCEDE DE FABRICATION ASSOCIE**
[72] NAKAGAWA, KOICHI, JP
[72] YOKOTA, TAKESHI, JP
[72] SETO, KAZUHIRO, JP
[72] KINOSHIRO, SATOSHI, JP
[72] TANAKA, YUJI, JP
[72] YAMADA, KATSUMI, JP
[72] MEGA, TETSUYA, JP
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[54] **PROCEDE ET APPAREIL DE STERILISATION**
[72] MARTEL, KARINE, CA
[72] ROBITAILLE, SIMON, CA
[72] BEDARD, CLAUDIA, CA
[72] DASSIE, NANCY, CA
[72] DUFRESNE, SYLVIE, CA
[72] GAGNE, MARIE-CHRISTINE, CA
[72] LEBLOND, HELENE, CA
[72] MARTEL, CYNTHIA, CA
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[54] **SOUPAPE DE SURETE A FAIBLE VALEUR DE PURGE ET RESSORT CONNEXE**
[72] CHOATE, JEREMY R., US
[72] EASTON, MICHAEL J., US
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[54] **ATTRIBUTION D'ENREGISTREMENTS MULTIUTILISATEURS**
[72] MCAULEY, ANDREW, US
[73] ECHOSTAR TECHNOLOGIES L.L.C., US
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[54] **MATERIAU EN ALLIAGE MULTIELEMENT D'ALUMINIUM RESISTANT A LA CHALEUR, DOTE D'UNE RESISTANCE MECANIQUE ELEVEE, ET PROCEDE D'ELABORATION CORRESPONDANT**
[72] CHE, YUN, CN
[72] ZHANG, ZHONGKE, CN
[72] MEN, SANQUAN, CN
[72] CHEN, XINMENG, CN
[72] XU, GUANGYOU, CN
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[73] DAIFUKU CO., LTD., JP
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[54] **ESSAI D'INTERFERENCE DE PRESSION POUR ESTIMER UNE ISOLATION HYDRAULIQUE**
[72] RAMAKRISHNAN, TERIZHANDUR, US
[72] TOMBARI, JOHN, US
[73] SCHLUMBERGER CANADA LIMITED, CA
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[54] **METHOD AND APPARATUS FOR MULTILAYER SHEAR BAND REINFORCEMENT**
[54] **PROCEDE ET APPAREIL POUR RENFORCEMENT DE BANDE DE CISAILLEMENT MULTICOUCHE**
[72] CRON, STEVE, US
[72] RHYNE, TIMOTHY B., US
[73] MICHELIN RECHERCHE ET TECHNIQUE, S.A., CH
[73] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR
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[54] **LOW YIELD RATIO, HIGH STRENGTH AND HIGH UNIFORM ELONGATION STEEL PLATE AND METHOD FOR MANUFACTURING THE SAME**
[54] **PLAQUE D'ACIER POSSEDANT UN FAIBLE COEFFICIENT D'ELASTICITE, UNE GRANDE RESISTANCE ET UNE ELONGATION UNIFORME ELEVEE, ET SON PROCEDE DE FABRICATION**
[72] SHIMAMURA, JUNJI, JP
[72] ISHIKAWA, NOBUYUKI, JP
[72] SHIKANAI, NOBUO, JP
[73] JFE STEEL CORPORATION, JP
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[54] **PLAQUE D'ACIER POSSEDANT UN FAIBLE COEFFICIENT D'ELASTICITE, UNE GRANDE RESISTANCE ET UNE GRANDE TENACITE ET SON PROCEDE DE FABRICATION**
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[54] **METHOD AND SYSTEM FOR FREQUENCY SCAN USING A DIFFERENTIAL POWER METRIC**
[54] **METHODE ET SYSTEME DE BALAYAGE DE FREQUENCE AU MOYEN D'UNE MESURE DE PUISSANCE DIFFERENTIELLE**
[72] WENG, JIANFENG, CA
[72] DUGGAN, JASON ROBERT, CA
[72] CREASY, TIMOTHY JAMES, CA
[73] BLACKBERRY LIMITED, CA
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[54] **ROTOR YOKE AND METHOD OF MAKING THE SAME**
[54] **CHAPE DE ROTOR ET PROCEDE POUR SA FABRICATION**
[72] STAMPS, FRANK B., US
[72] TISDALE, PAT, US
[72] MARSHALL, BRYAN, US
[72] CAMPBELL, TOM, US
[73] BELL HELICOPTER TEXTRON INC., US
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[25] EN
[54] **ULTRASONIC APPARATUS AND METHOD FOR MEASURING THE CONCENTRATION AND FLOW RATE OF GAS**
[54] **APPAREIL ET PROCEDE ULTRASONORES DE MESURE DE LA CONCENTRATION ET DU DEBIT D'UN GAS**
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[73] TEIJIN PHARMA LIMITED, JP
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[54] **COMPOSITION EXPLOSIVE CONTENANT DU NITRATE-FUEL (ANFO) LOURD ET UN ADDITIF SENSIBILISATEUR ET GONFLANT INERTE DERIVE D'UNE PLANTE**
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[73] WALDOCK, KEVIN H., AU
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[54] **MECANISME DE DEGONFLAGE POUR DISPOSITIF MEDICAL**
[72] HARVEY-PONCELET, DANIEL, CA
[72] MIHALIK, TERESA ANN, CA
[73] MEDTRONIC CRYOCATH LP, CA
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[54] **FIL DENTAIRE ELASTOMERIQUE**
[72] FONTANA, JOSE EDER, BR
[72] LEMOS, EDILBERTO, BR
[72] PERNA, FERNANDO, BR
[72] FOCASSIO, PAULO, BR
[73] COLGATE-PALMOLIVE COMPANY, US
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[54] **TETE DE REGLAGE POUR UN DISPOSITIF DE LEVAGE**
[72] BAGGE, NIELS HENRIK, DK
[73] IHI INTELLITECH APS, DK
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[54] **ACCESS CONTROL METHOD, WIRELESS COMMUNICATION SYSTEM, BASE STATION DEVICE, MOBILE STATION DEVICE, AND ACCESS CONTROL PROGRAM**
[54] **PROCEDE DE COMMANDE D'ACCES, SYSTEME DE COMMUNICATION SANS FIL, APPAREIL DE STATION DE BASE, APPAREIL DE STATION MOBILE, ET PROGRAMME DE COMMANDE D'ACCES**
[72] SUZUKI, KOHKI, JP
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[73] COLGATE-PALMOLIVE COMPANY, US
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[54] **SYSTEMES DE TRACTION POUR VEHICULES A PROPULSION ELECTRIQUE**
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[72] WONG, BRIAN, CA
[73] LSI INDUSTRIES, INC., US
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[72] WANG, HOAU-YAN, US
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[54] **STENT DELIVERY AND DEPLOYMENT SYSTEM**
[54] **SYSTEME DE DISTRIBUTION ET DE DEPLOIEMENT D'ENDOPROTHESE VASCULAIRE**
[72] KOSS, ALEXANDER K., US
[72] SILVERMAN, JAMES D., US
[73] GORE ENTERPRISE HOLDINGS, INC., US
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[54] **WRAP-AROUND CABLE SLEEVE ASSEMBLIES AND METHODS FOR MAKING AND USING THE SAME**
[54] **ENSEMBLES GAINES DE CABLE ENVELOPPANTES ET PROCEDES DE FABRICATION ET D'UTILISATION DE CEUX-CI**
[72] SERAJ, MAHMOUD K., US
[72] PULLIUM, GEORGE W., III, US
[72] MAHER, KATHRYN MARIE, US
[73] TYCO ELECTRONICS CORPORATION, US
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[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **SYSTEM AND METHOD FOR HEATING VENTILATION AND AIR CONDITIONING COMPONENT DETECTION**
[54] **SYSTEME ET METHODE DE DETECTION DE COMPOSANTE DE CHAUFFAGE, VENTILATION ET CONDITIONNEMENT DE L'AIR**
[72] STORM, TIMOTHY WAYNE, US
[72] MITCHELL, DANIEL J., US
[73] TRANE INTERNATIONAL INC., US
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[54] **USE OF 4-[ETHYL(DIMETHYL)AMMONIO] BUTANOATE IN THE TREATMENT OF CARDIOVASCULAR DISEASE**
[54] **UTILISATION DE 4[ETHYL(DIMETHYL)AMMONIO] BUTANOATE DANS LE TRAITEMENT D'UNE MALADIE CARDIOVASCULAIRE**
[72] KALVINS, IVARS, LV
[72] DAMBROVA, MAIJA, LV
[72] LIEPINS, EDGARS, LV
[72] PUGOVICS, OSVALDS, LV
[72] VILSKERSTS, REINIS, LV
[72] KUKA, JANIS, LV
[72] GRINBERGA, SOLVEIGA, LV
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[54] **SYSTEME DE CANAL DE COULEE DE MOULE COMPORTANT DES ENSEMBLES DE POT D'INJECTION POUVANT ETRE COMMANDES DE FACON INDEPENDANTE**
[72] BELZILE, MANON DANIELLE, US
[72] BLAIS, PAUL R., US
[72] ESSER, BRIAN, US
[72] GAILLARD, PATRICE FABIEN, FR
[72] JENKO, EDWARD JOSEPH, US
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[54] **SYSTEM AND ARRANGEMENT FOR CONDUIT REPARATION**
[54] **SYSTEME ET MECANISME DE REPARATION DE CONDUITE**
[72] SMITH, MARK A., US
[72] THOMAS, MARTI, US
[72] ST. ONGE, BRYAN, CA
[72] ST. ONGE, HENRI, CA
[73] UNDERGROUND SOLUTIONS TECHNOLOGIES GROUP, INC., US
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[54] **CENTRALE NUCLEAIRE**
[72] KITO, KAZUAKI, JP
[72] MATSUURA, MASAYOSHI, JP
[72] ANDO, KOJI, JP
[73] HITACHI-GE NUCLEAR ENERGY, LTD., JP
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[54] **STEERING DRIVE SYSTEM AND SKID STEER VEHICLE EQUIPPED THEREWITH**
[54] **SYSTEME DE COMMANDE DE DIRECTION ET VEHICULE A ROUES NON ORIENTABLES AINSI EQUIPE**
[72] KARRIE, JOERG-PETER, DE
[72] MUELLER, NIKOLAUS, DE
[72] SCHWARZ, DIETER, DE
[73] RENK AKTIENGESELLSCHAFT, DE
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[54] **PERSONAL CARE COMPOSITIONS COMPRISING A METHYL NAPHTHALENYL KETONE OR A DERIVATIVE THEREOF**
[54] **COMPOSITIONS DE SOIN PERSONNEL COMPRENANT UNE METHYLNAPHTALENYLCETONE OU UN DERIVE DE CELLE-CI**
[72] BAKES, KATHARINE ANNE, US
[72] COFFINDAFFER, TIMOTHY WOODROW, US
[72] HAUGHT, JOHN CHRISTIAN, US
[72] KEMP, HELEN ROCHELLE, US
[72] LIN, YAKANG, US
[72] SREEKRISHNA, KOTIKANYADANAM TATACHAR, US
[73] THE GILLETTE COMPANY, US
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[54] **DIFFERENTIAL PRESSURE WELLBORE TOOL AND RELATED METHODS OF USE**
[54] **OUTIL DE FORAGE DE PUITS A PRESSION DIFFERENTIELLE ET PROCEDES D'UTILISATION ASSOCIES**
[72] KNOBLOCH JR., BENTON T., US
[72] TILLEY, DAVID J., US
[72] ROY, TODD J., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **A MOULDED DOOR OR MOULDED DOOR SKIN THEREON INCLUDING A REPLACEABLE DECORATIVE PANEL**
[54] **UNE PORTE MOULEE OU UN REVETEMENT DE PORTE MOULEE COMPRENANT UN PANNEAU DECORATIF REMPLACABLE**
[72] CHEN WANG, KUEI-YUNG, TW
[73] NAN YA PLASTICS CORPORATION, TW
[86] (2787805)
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[54] **SYSTEME ANTI-VIBRATIONS**
[72] LEE, TAEOH, US
[72] SMITH, MICHAEL R., US
[72] STAMPS, FRANK B., US
[72] HEVERLY, DAVID E., JR., US
[73] BELL HELICOPTER TEXTRON INC., US
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[54] **ASSEMBLY AND METHOD FOR REDUCING NITROGEN OXIDES, CARBON MONOXIDE AND HYDROCARBONS IN EXHAUSTS OF INTERNAL COMBUSTION ENGINES**
[54] **ENSEMBLE ET PROCEDE POUR REDUIRE LES OXYDES D'AZOTE, LE MONOXYDE DE CARBONE ET LES HYDROCARBURES DANS LES ECHAPPEMENTS DE MOTEURS A COMBUSTION INTERNE**
[72] GEHRET, JOSEPH B., US
[72] PANORA, ROBERT A., US
[72] ROSER, RANSON, US
[73] TECOGEN, INC., US
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[54] **METHOD AND APPARATUS FOR CONVEYING SAND MOLDS**
[54] **METHODE ET APPAREIL POUR TRANSPORTER DES MOULES DE SABLE**
[72] HUNTER, WILLIAM GARY, US
[73] HUNTER FOUNDRY MACHINERY CORPORATION, US
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[54] **DISPOSITIF DE PROTECTION D'AIGUILLE**
[72] HAURI, MARIUS, US
[73] SMITHS MEDICAL ASD, INC., US
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[54] **DISPOSITIF D'ENTRAINEMENT ET PROCEDE POUR ENTRAINER UNE TIGE DE FORAGE**
[72] PIKOWSKI, ANDREAS, DE
[73] EURODRILL GMBH, DE
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[54] **METHOD AND APPARATUS FOR MANUFACTURING A CATALYTIC CONVERTER**
[54] **PROCEDE ET APPAREIL POUR FABRIQUER UN CONVERTISSEUR CATALYTIQUE**
[72] MAYFIELD, DAVID, US
[73] HESS ENGINEERING, INC., US
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[54] **METHOD AND APPARATUS FOR TRANSMITTING CONTROL INFORMATION IN WIRELESS COMMUNICATION SYSTEM**
[54] **PROCEDE ET APPAREIL POUR LA TRANSMISSION D'INFORMATIONS DE CONTROLE DANS UN SYSTEME DE COMMUNICATION SANS FIL**
[72] HAN, SEUNGHEE, KR
[72] KO, HYUNSOO, KR
[72] CHUNG, JAEHOON, KR
[72] LEE, MOONIL, KR
[73] LG ELECTRONICS INC., KR
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[54] **SYSTEM AND METHOD FOR PROGRAMMING RECHARGEABLE BATTERY CHARACTERISTICS**
[54] **SYSTEME ET PROCEDE POUR LA PROGRAMMATION DES CARACTERISTIQUES DE PILES RECHARGEABLES**
[72] RICH, DAVID GERARD, US
[72] PATINO, JOSEPH, US
[72] SUTARWALA, TAHA SHABBIR HUSAIN, CA
[73] BLACKBERRY LIMITED, CA
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[54] **SPHINGOSINE TYPE 1 INHIBITORS AND METHODS FOR MAKING AND USING SAME**
[54] **INHIBITEURS DE SPHINGOSINE DE TYPE 1 ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] ZIPKIN, ROBERT ELLIOT, US
[72] ADAMS, JEFFREY KROLL, US
[72] SPIEGEL, SARAH, US
[73] ENZO THERAPEUTICS, INC., US
[73] VIRGINIA COMMONWEALTH UNIVERSITY, US
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[54] **MECANISME A TENSION ET ANTIRECUL POUR OUTIL A ATTACHES DE CABLE**
[72] MAGNO, JOEY D., JR., US
[72] TAPPER, JOHAN, SE
[72] FAHLEN, ANDERS, SE
[72] NORIN, JOAKIM, SE
[72] PAULSSON, GORAN, SE
[72] WADLING, SVEN, SE
[73] THOMAS & BETTS INTERNATIONAL, INC., US
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[54] **METHOD AND APPARATUS FOR ENHANCED SAFETY IN A PUBLIC SAFETY COMMUNICATION SYSTEM**
[54] **PROCEDE ET APPAREIL POUR UNE SECURITE AMELIOREE DANS UN SYSTEME DE COMMUNICATION DE SECURITE PUBLIQUE**
[72] MONKS, DEBORAH J., US
[72] BLANCO, ALEJANDRO G., US
[73] MOTOROLA SOLUTIONS, INC., US
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[54] **UNDERWATER TREADMILL AND INTEGRATED JET DEVICE AND METHOD FOR SELECTIVELY CONTROLLING AN UNDERWATER TREADMILL SYSTEM**
[54] **TAPIS ROULANT SUBAQUATIQUE A DISPOSITIF DE JET INTEGRE, ET PROCEDE DE COMMANDE SELECTIVE D'UN SYSTEME DE TAPIS ROULANT SUBAQUATIQUE**
[72] FLAKE, ANSON, US
[72] TUCCI, DOMINICK, US
[72] BLACK, PHILLIP, US
[73] HYDROWORX INTERNATIONAL, INC., US
[85] 2012-09-27
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[54] **SALTS OF DEXLANSOPRAZOLE AND THEIR PREPARATION**
[54] **SELS DE DEXLANSOPRAZOLE ET LEUR ELABORATION**
[72] MITTAL, ANU, IN
[72] RAY, ANMOL KUMAR, IN
[72] KHANNA, MAHAVIR SINGH, IN
[72] THAPER, RAJESH KUMAR, IN
[72] PRASAD, MOHAN, IN
[73] RANBAXY LABORATORIES LIMITED, IN
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[54] **MATERIAU ADHESIF A BASE BIOLOGIQUE**
[72] WEN, BEN, US
[72] ZHANG, JESSICA P., US
[73] WEN, BEN, US
[73] ZHANG, JESSICA P., US
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[86] 2011-01-28 (PCT/US2011/022813)
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[25] EN
[54] **METHOD AND ARRANGEMENT FOR PRODUCING A TRENCH WALL ELEMENT**
[54] **PROCEDE ET DISPOSITION POUR PRODUIRE UN ELEMENT D'ETAYAGE DES PAROIS DE TRANCHEES**
[72] SCHWANZ, CHRISTOPH, DE
[73] BAUER SPEZIALTIEFBAU GMBH, DE
[86] (2795681)
[87] (2795681)
[22] 2012-11-15
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[25] EN
[54] **FORMATION EVALUATION USING A BIT-BASED ACTIVE RADIATION SOURCE AND A GAMMA RAY DETECTOR**
[54] **EVALUATION DE FORMATION EN UTILISANT UNE SOURCE DE RAYONNEMENT ACTIVE A BASE DE TREPAN ET UN DETECTEUR DE RAYONS GAMMA**
[72] TRINH, TU TIEN, US
[72] SULLIVAN, ERIC, US
[72] CURRY, DAVID A., US
[72] CHENG, XIAOMIN C., US
[72] INANC, FEYZI, US
[72] LIU, YI, US
[73] BAKER HUGHES INCORPORATED, US
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[54] **PEPTIDES DE PETITE TAILLE POUR LE TRAITEMENT DE LA MALADIE D'ALZHEIMER ET D'AUTRES TROUBLES DE FIBRILLOGENESE DE LA PROTEINE BETA-AMYLOIDE**
[72] CASTILLO, GERARDO M., US
[72] LAKE, THOMAS P., US
[72] NGUYEN, BETH P., US
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[54] **PROCEDE DE PROTECTION D'UN ATTERRISSEUR D'AERONEF LORS DE SON REMORQUAGE, ET BROCHE POUR L'ATTELAGE D'UNE BARRE DE REMORQUAGE A UNE PARTIE INFERIEURE ORIENTABLE D'UN ATTERRISSEUR**
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[54] **PROCEDE AMELIORE D'ELABORATION D'INHIBITEUR DE DIPEPTIDYL PEPTIDASE-IV ET D'INTERMEDIAIRE**
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[72] HAMAD-EBRAHIMPOUR, ALYSSANDREA HOPE, US
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[72] JOSHI, PRASAD V., US
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[54] **UNITE DE MOTEUR RESONANT ET DISPOSITIF ELECTRIQUE A UNITE DE MOTEUR RESONANT**
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[72] VETTER, INGO, DE
[72] JUNGNICKEL, UWE, DE
[72] HEIL, BENEDIKT, DE
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[54] **DISPOSITIF DE DIRECTION POUR PLANCHE DE SURF**
[72] RUAN, CHIA-WEN, TW
[72] LIAO, MING-CHEN, TW
[73] JOY RIDE TECHNOLOGY CO., LTD., TW
[73] RUAN, CHIA-WEN, TW
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[54] **INSTRUMENT DE DIAGRAPHIE PERMETTANT DE DETECTER UN ECOULEMENT DE FLUIDE CONDUCTEUR**
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[73] REM SCIENTIFIC ENTERPRISES, INC., US
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[25] EN
[54] **SIGNAL ADAPTIVE FILTERING METHOD, SIGNAL ADAPTIVE FILTER AND COMPUTER READABLE MEDIUM FOR STORING PROGRAM THEREFOR**
[54] **PROCEDE DE FILTRAGE ADAPTATIF DE SIGNAUX, FILTRE ADAPTATIF DE SIGNAUX ET SUPPORT LISIBLE PAR UN ORDINATEUR ET DESTINE A CONSERVER UN PROGRAMME CONCU A CET EFFET**
[72] LEE, YUNG LYUL, KR
[72] PARK, HUYN WOOK, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[86] (2830878)
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[25] EN
[54] **SELF-ALIGNING INLET PLENUM SYSTEM FOR ROTORCRAFT**
[54] **SYSTEME DE CHAMBRE DE DISTRIBUTION D'ENTREE AUTO-ALIGNEE POUR HELICOPTERE**
[72] DAILEY, ZACHARY E., US
[72] MAST, THOMAS M., US
[73] BELL HELICOPTER TEXTRON INC., US
[85] 2013-09-20
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[54] **SILVER-WHITE COPPER ALLOY AND METHOD OF PRODUCING SILVER-WHITE COPPER ALLOY**
[54] **ALLIAGE ARGENT-CUIVRE BLANC ET PROCEDE DE FABRICATION DE L'ALLIAGE ARGENT-CUIVRE BLANC**
[72] TANAKA, SHINJI, JP
[72] OISHI, KEIICHIRO, JP
[72] OGAWA, HIROHARU, JP
[73] MITSUBISHI SHINDOH CO., LTD., JP
[73] MITSUBISHI MATERIALS CORPORATION, JP
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[25] EN
[54] **DESALINATION SYSTEM AND METHOD FOR DESALINATING SALTWATER**
[54] **SYSTEME DE DESSALEMENT ET PROCEDE DE DESSALEMENT DE L'EAU SALEE**
[72] SPARROW, BENJAMIN, CA
[73] SALTWORKS TECHNOLOGIES INC., CA
[86] (2834163)
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[54] **SLIDER BOX FOR A HEAVY-DUTY VEHICLE**
[54] **BOITIER DE GLISSIERE POUR UN VEHICULE UTILITAIRE LOURD**
[72] RAMSEY, JOHN EDWARD, US
[73] HENDRICKSON USA, L.L.C., US
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[54] **MIXED AMINO ACID METAL SALT COMPLEXES**
[54] **COMPLEXES DE SEL METALLIQUE D'ACIDE AMINE MIXTE**
[72] STARK, PETER A., US
[73] ZINPRO CORPORATION, US
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[54] **PLASTIC AEROSOL CONTAINER AND METHOD OF MANUFACTURE**
[54] **CONTENANT AEROSOL EN PLASTIQUE ET SON PROCEDE DE FABRICATION**
[72] ARMSTRONG, RALPH, US
[72] BARKER, KEITH J., US
[72] PATEL, TAPAN Y., US
[73] GRAHAM PACKAGING COMPANY LP, US
[85] 2014-01-06
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[54] **IMPROVED SPORT HELMET**
[54] **BAUER PERFORMANCE LACROSSE INC.**
[72] BRINE, WILLIAM H., III, US
[72] BAKER, JONATHAN, US
[72] DARNELL, ERIC, US
[72] MOORE, STEVE, US
[72] ROBINSON, JOEL, US
[72] MOORE, BARCLAY, US
[72] GRAHAM, ROMEO, CA
[72] BOUCHER, LUC, CA
[72] WATTERS, ROB, CA
[72] TUTTON, JOHN, CA
[73] BAUER PERFORMANCE LACROSSE CORP., CA
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[54] **METHOD AND SYSTEM OF SUBSURFACE HORIZON ASSIGNMENT**
[54] **PROCEDE ET SYSTEME D'ATTRIBUTION D'HORIZON SOUS LA SURFACE**
[72] WAGNER, ROBERT R., US
[72] TAN, XUEWEI, US
[72] CHEN, ZHIBO, US
[73] LANDMARK GRAPHICS CORPORATION, US
[85] 2014-03-04
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[25] EN
[54] **PERFORMANCE IMPROVEMENTS FOR RF-ONLY QUADRUPOLE MASS FILTERS AND LINEAR QUADRUPOLE ION TRAPS WITH AXIAL EJECTION**
[54] **AMELIORATIONS DE LA PERFORMANCE DE FILTRES DE MASSE QUADRIPOLAIRES A RADIOFREQUENCE SEULE ET DE PIEGES A IONS QUADRIPOLAIRES A EJECTION AXIALE**
[72] LANGRIDGE, DAVID J., GB
[72] KENNY, DANIEL JAMES, GB
[73] MICROMASS UK LIMITED, GB
[85] 2014-03-12
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[54] **A PROCESS LINE FOR THE PRODUCTION OF FREEZE-DRIED PARTICLES**
[54] **CHAINE DE FABRICATION POUR LA PRODUCTION DE PARTICULES LYOPHILISEES**
[72] PLITZKO, MATTHIAS, DE
[72] STRUSCHKA, MANFRED, DE
[72] GEBHARD, THOMAS, DE
[72] LUY, BERNHARD, DE
[73] SANOFI PASTEUR SA, FR
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[25] EN
[54] **METHOD AND SYSTEMS FOR MAINTAINING OR OPTIMIZING A MOBILE PHONE NETWORK**
[54] **PROCEDE ET SYSTEMES PERMETTANT DE MAINTENIR OU D'OPTIMISER UN RESEAU DE TELEPHONES MOBILES**
[72] KATELEY, RICHARD, GB
[72] HAINES, CHRIS, GB
[72] HARRIS, RICHARD, GB
[72] HUNT, MARTIN, GB
[73] ACTIX LIMITED, GB
[85] 2014-04-11
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[54] **TEST CELLS FOR AN UNPROGRAMMED OTP MEMORY ARRAY**
[54] **CELLULES D'ESSAI POUR RESEAU DE MEMOIRE OTP NON PROGRAMMEE**
[72] KURJANOWICZ, WLODEK, CA
[73] SIDENSE CORP., CA
[85] 2014-04-16
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[25] EN
[54] **IMPROVED FRAME STRUCTURE FOR A COMMUNICATION SYSTEM USING ADAPTIVE MODULATION**
[54] **VERROUILLAGE DE TRAME AMELIORE POUR SYSTEME DE COMMUNICATION A MODULATION ADAPTATIVE**
[72] CHEN, AN, US
[72] KLEIN, ISRAEL JAY, US
[72] STANWOOD, KENNETH L., US
[72] LIN, GEORGE, US
[73] WI-LAN INC., CA
[86] (2853156)
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[54] **REMOTE CHEMICAL ASSAY CLASSIFICATION**
[54] **CLASSEMENT A DISTANCE D'ESSAI CHIMIQUE**
[72] RUSSAK, ZE'EV, IL
[73] AZURE VAULT LTD., IL
[85] 2014-05-14
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[25] FR
[54] **DOUBLE-PIVOT SYNCRONISATION MECHANISM FOR OPENING AND CLOSING TWO LEAVES**
[54] **MECANISME DE SYNCHRONISATION A DOUBLE PIVOT POUR L'OUVERTURE ET LA FERMETURE DE DEUX BATTANTS**
[72] TALBOT, PAUL, CA
[73] TALBOT, PAUL, CA
[85] 2014-07-09
[86] 2014-03-12 (PCT/IB2014/059691)
[87] (2856339)
[30] US (61/779,151) 2013-03-13
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[25] EN
[54] **PROCESSES FOR TREATING RED MUD**
[54] **PROCEDES DE TRAITEMENT DE BOUE ROUGE**
[72] BOUDREAULT, RICHARD, CA
[72] FOURNIER, JOEL, CA
[72] PRIMEAU, DENIS, CA
[72] LABRECQUE-GILBERT, MARIE-MAXIME, CA
[73] ORBITE ALUMINAE INC., CA
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[54] **DRAIN RECOVERY SYSTEM**
[54] **SYSTEME DE RECUPERATION D'EAUX DE VIDANGE**
[72] AKINAGA, SOHEI, JP
[72] HATANAKA, HIROYUKI, JP
[72] NAGAI, KOJI, JP
[72] OOKUBO, TOMOHIRO, JP
[72] NAMOTO, TETSUJI, JP
[73] MIURA CO., LTD., JP
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[54] **MERIDIEN A GUIDAGE LUMINEUX (ACUPOINT, ACUPOINT A GUIDAGE LUMINEUX ET POSITIONNEMENT DE MERIDIEN)**
[72] KONGYUISETO, DAVID, CA
[71] KONGYUISETO, DAVID, CA
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[25] EN
[54] **PIGEON HOLE CAMPING/EMERGENCY SHELTER**
[54] **ABRI D'URGENCE/DE CAMPING DE TYPE PIGEONNIER**
[72] HEBERT, LOUIS, CA
[71] HEBERT, LOUIS, CA
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[51] **Int.Cl. H02N 2/18 (2006.01) A43B 13/02 (2006.01) H02J 7/00 (2006.01)**
[25] EN
[54] **PIEZO ELECTRIC SHOE SOLE GENERATOR BATTERY CHARGER (PESS)**
[54] **CHARGEUR DE BATTERIE DE GENERATEUR DE SEMELLE DE CHAUSSURE PIEZOELECTRIQUE**
[72] LISI, LUCIANO, CA
[71] LISI, LUCIANO, CA
[22] 2013-09-09
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[51] **Int.Cl. B42F 1/02 (2006.01) F16B 2/20 (2006.01)**
[25] FR
[54] **UNKNOWN**
[54] **INCONNUE**
[72] PLOUFFE, GILLES, CA
[71] PLOUFFE, GILLES, CA
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[51] **Int.Cl. A01M 29/12 (2011.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR CONTROLLING HERBIVORE FOWL POPULATIONS**
[54] **PROCEDE ET APPAREIL POUR CONTROLER LES POPULATIONS AVIAIRES HERBIVORES**
[72] ERLICH, DAN, CA
[71] 2345422 ONTARIO INC., CA
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[51] **Int.Cl. E21B 43/241 (2006.01) E21B 43/22 (2006.01) E21B 43/24 (2006.01)**
[25] EN
[54] **IMPROVING RECOVERY FROM A HYDROCARBON RESERVOIR**
[54] **AMELIORATION DE LA RECUPERATION D'UN RESERVOIR D'HYDROCARBURES**
[72] KHALEDI, RAHMAN, CA
[72] BOONE, THOMAS J., CA
[71] IMPERIAL OIL RESOURCES LIMITED, CA
[22] 2013-09-09
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[51] **Int.Cl. H04R 1/02 (2006.01) H04R 9/06 (2006.01)**
[25] EN
[54] **LOUDSPEAKER ENCLOSURE**
[54] **ENCEINTE ACOUSTIQUE**
[72] KOWALCZYSZYN, TARAS, CA
[72] HOTTE, KEN, CA
[71] KOWALCZYSZYN, TARAS, CA
[71] HOTTE, KEN, CA
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[13] A1
[51] **Int.Cl. E06B 1/36 (2006.01) E06B 1/30 (2006.01)**
[25] EN
[54] **ADAPTABLE MULTI-PIECE WINDOW SYSTEM**
[54] **SYSTEME DE FENETRE MULTI-PIECE ADAPTABLE**
[72] KOWNACKI, CHARLES D., US
[72] FARRELL, GREGORY N., US
[71] KOWNACKI, CHARLES D., US
[71] FARRELL, GREGORY N., US
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[51] **Int.Cl. C02F 1/72 (2006.01) A62D 3/38 (2007.01) C02F 1/36 (2006.01) C02F 1/66 (2006.01) C02F 9/08 (2006.01)**
[25] EN
[54] **OZONE-ULTRASONIC TREATMENT OF SPENT CAUSTIC WASTEWATER**
[54] **TRAITEMENT PAR ULTRASONS ET OZONE D'EAUX USEES CAUSTIQUES**
[72] MILOSEVIC, VESELIN, CA
[72] KOSANIC, DRAGO, CA
[72] NARANJO, FERNANDO, CA
[72] STEWART, CLINT, CA
[72] ZARCZYNZKI, JACK, CA
[71] ENVIROSYSTEMS INCORPORATED, CA
[71] ULTRASONIC SYSTEMS GMBH, DE
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[51] **Int.Cl. G06F 3/01 (2006.01) G08B 13/196 (2006.01) G10L 15/26 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR CONTROLLING SURVEILLANCE SYSTEM WITH GESTURE AND/OR AUDIO COMMANDS**
[54] **PROCEDE ET APPAREIL DE COMMANDE D'UN SYSTEME DE SURVEILLANCE AVEC DES COMMANDES VOCALES OU GESTUELLES**
[72] LAPIDOT, URIEL, CA
[72] RUSHTON, ELLIOT, CA
[72] ADAM, MATTHEW, CA
[71] AVIGILON CORPORATION, CA
[22] 2013-09-10
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[51] **Int.Cl. B65D 85/00 (2006.01) B25H 3/04 (2006.01)**
[25] EN
[54] **TOOL POSITIONING FRAME FOR SOCKET BITS**
[54] **CADRE DE POSITIONNEMENT D'OUTIL POUR EMBOUTS A DOUILLE**
[72] KAO, JUI-CHIEN, TW
[71] KAO, JUI-CHIEN, TW
[22] 2013-09-10
[41] 2015-03-10

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[13] A1
[51] **Int.Cl. E05B 63/00 (2006.01)**
[25] EN
[54] **LOCK MECHANISM**
[54] **MECANISME DE VERROUILLAGE**
[72] OGDEN, DAVID, GB
[72] POWELL, SIMON, GB
[71] MOOSE JUNCTION LIMITED, GB
[22] 2013-09-10
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[13] A1
[51] **Int.Cl. G01N 33/52 (2006.01) G01N 21/64 (2006.01)**
[25] EN
[54] **PEPTIDE-BASED FLUORESCENCE AND FORSTER RESONANCE ENERGY TRANSFER BIOSENSORS**
[54] **BIOCAPTEURS DE TRANSFERT D'ENERGIE PAR RESONANCE FORSTER ET PAR FLUORESCENCE A BASE DE PEPTIDES**
[72] GOSS, GREG G., CA
[72] WISHART, DAVID, CA
[72] AKINLOYE, OLUYEMI, CA
[72] KRISHNAMURTHY, RAMANARAYAN, CA
[71] THE GOVERNORS OF THE UNIVERSITY OF ALBERTA, CA
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[13] A1
[51] **Int.Cl. E06C 7/44 (2006.01) E06C 1/30 (2006.01)**
[25] EN
[54] **TOWER STRUCTURE FOR USE AS A LADDER OR SCAFFOLDING PLANK SUPPORT**
[54] **STRUCTURE DE TOUR POUR UTILISATION EN TANT QU'ECHELLE OU SUPPORT DE MADRIER D'ECHAFAUDAGE**
[72] JACQUES, LUC, CA
[71] JACQUES, LUC, CA
[22] 2013-09-13
[41] 2015-03-13

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[13] A1
[51] **Int.Cl. A63B 67/14 (2006.01)**
[25] EN
[54] **CURLING BRUSH WITH CONCAVE HEAD**
[54] **BROSSE DE CURLING A TETE CONCAVE**
[72] DI IORIO, LINO, CA
[71] CITYDRILL INC., CA
[22] 2013-09-13
[41] 2015-03-13

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[13] A1
[51] **Int.Cl. A45D 26/00 (2006.01)**
[25] EN
[54] **EPILATION DEVICE**
[54] **APPAREIL D'EPILATION**
[72] SIVAPALAN, SIVASHANTHAN, CA
[72] BHARATI, SUBODH, CA
[71] ASANI THREADING INC., CA
[22] 2013-09-13
[41] 2015-03-13

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[13] A1
[51] **Int.Cl. F41B 11/50 (2013.01)**
[25] EN
[54] **SIMULATION BULLET INCLUDABLE BB BULLET MAGAZINE**
[54] **CHARGEUR DE BALLES BB POUVANT COMPRENDRE DES BALLES SIMULEES**
[72] LIAO, YIN-HSI, TW
[71] GUAY GUAY TRADING CO., LTD., TW
[22] 2013-09-10
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[13] A1
[51] **Int.Cl. E05B 77/44 (2014.01) E05B 83/02 (2014.01)**
[25] EN
[54] **SEMI-TRAILER LOCKING APPARATUS**
[54] **APPAREIL DE VERROUILLAGE POUR SEMI-REMORQUES**
[72] KELLY, STEVEN M., CA
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[54] EXERCISEUR DES MUSCLES DU COU ET PROCEDE D'EVALUATION DE LA PERFORMANCE DES MUSCLES DU COU
[72] VERSTEEGH, THEODORE HENRY, CA
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[72] COOPER, TROY SEAN, CA
[72] COOPER, DEAN IVAN, CA
[71] LUSTRE PRODUCTS LTD., CA
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[54] WAGON DE MARCHANDISES
[72] BLACK, KEN, CA
[72] BATCHELOR, JAMES, CA
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[72] QUAN, DAMON KING, CA
[71] NATIONAL STEEL CAR LIMITED, CA
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[72] LEWIN, RICHARD, CA
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[54] SYSTEME ET PROCEDE POUR SEPARER UNE MATIERE GAZEUSE DE FLUIDES DE FORMATION
[72] SAPONJA, JEFFREY CHARLES, CA
[72] HARI, ROBBIE SINGH, CA
[71] TRIAXON OIL CORP., CA
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[54] NEW CYCLIC LIPOPEPTIDE ANTIBIOTIC LOCILLOMYCIN (LOCILLOMYCIN-A, LOCILLOMYCIN-B, LOCILLOMYCIN-C) AND METHODS OF MAKING AND USING THE SAME
[54] NOUVEAU LOCILLOMYCINE ANTIBIOTIQUE LIPOPEPTIDE CYCLIQUE (LOCILLOMYCINE-A, LOCILLOMYCINE-B, LOCILLOMYCINE-C) ET SES PROCEDES DE FABRICATION ET D'UTILISATION
[72] GUO, JUN YAO, CA
[72] LUO, CHUPING, CN
[72] CHEN, ZHIYI, CN
[72] LIU, XUEHUI, CN
[72] WANG, XIAOYU, CN
[72] LIU, YONGFENG, CN
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[54] **APPAREIL DE NETTOYAGE DE TETE DE FORAGE**
[72] WILKINSON, MITCHELL, US
[71] PDI INCORPORATED, US
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[54] **MODULES DE COUPLAGE NON METALLIQUES PERMETTANT L'EXPANSION ET LA CONTRACTION**
[72] JAFFARI, ANDY ALI, US
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[54] **GAMING SYSTEM AND METHOD WITH UPPER AND LOWER SYMBOL MATRICES AND SHARED CENTER REEL**
[54] **SYSTEME ET PROCEDE DE JEU AVEC MATRICES DE SYMBOLES SUPERIEURES ET INFERIEURES ET BOBINE CENTRALE PARTAGEE**
[72] MCKAY, GINETTE, US
[72] LITTLEFIELD, SHANE, US
[71] GTECH CANADA ULC, CA
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[54] **GUTTER SCREEN ASSEMBLIES**
[54] **ENSEMBLE GRILLE DE GOUTTIERE**
[72] MORRIS, ANTHONY W., US
[72] ROBINS, EVELYN M., US
[71] PRODUCTS INNOVATION GROUP, INC., US
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[54] **BARRIERE RADIANTE ET ISOLANTE**
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[72] ROBINS, EVELYN M., US
[71] PRODUCTS INNOVATION GROUP, INC., US
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[54] **ENSEMBLE DE VERROUILLAGE POUR DISPOSITIF DE PANNEAU DE CONTROLE**
[72] WHIPPLE, MICHAEL JEROME, US
[71] EATON CORPORATION, US
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[54] **INTERFACE ASSEMBLY FOR PANEL BOARD**
[54] **ENSEMBLE INTERFACE POUR PANNEAU DE CONTROLE**
[72] WHIPPLE, MICHAEL JEROME, US
[71] EATON CORPORATION, US
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[54] **SYSTEME DE TRANSPORT ET DE MANUTENTION D'OBTURATEUR DE PUITS**
[72] VOGT, DEWAYNE G., US
[71] WOOLSLAYER COMPANIES, INC., US
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[54] **SYSTEME DE DRAINAGE ET PROCEDE DE NETTOYAGE D'ASPIRATEUR**
[72] WESTBROOK, KURT, US
[72] BARTLEY, SETH A., US
[72] MARTINEZ, DAVID, US
[72] SHULTZ, ZACHARY A., US
[71] SHOP VAC CORPORATION, US
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[54] **PROFIL DE DISPOSITIF DE COUPE POUR TREPAN DE FORAGE A DISPOSITIFS DE COUPE FIXES**
[72] GILLIS, SEAN, CA
[71] DRILFORMANCE TECHNOLOGIES, LLC, US
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[54] **VERTICAL SUPPORT MEMBER FOR A SUSPENDED SCAFFOLD ASSEMBLY, KIT FOR MOUNTING A SUSPENDED SCAFFOLD ASSEMBLY, SUSPENDED SCAFFOLD ASSEMBLY AND METHOD FOR MOUNTING SAME**
[54] **ELEMENT DE SOUTIEN VERTICAL POUR ENSEMBLE D'ECHAFAUDAGE SUSPENDU, NECESSAIRE DE MONTAGE D'UN ENSEMBLE D'ECHAFAUDAGE SUSPENDU, ENSEMBLE D'ECHAFAUDAGE SUSPENDU ET PROCEDE DE MONTAGECORRESPONDANT**
[72] MIOUSSE, RICHARD, CA
[72] BELAND, LUC, CA
[71] 9020-4983 QUEBEC INC., CA
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[54] **DRILLING SYSTEM AND METHOD FOR MONITORING AND DISPLAYING DRILLING PARAMETERS FOR A DRILLING OPERATION OF A DRILLING SYSTEM**
[54] **SYSTEME DE FORAGE ET PROCEDE DE SURVEILLANCE ET D'AFFICHAGE DE PARAMETRES DE FORAGE POUR UNE OPERATION DE FORAGE D'UN SYSTEME DE FORAGE**
[72] WASSELL, MARK ELLSWORTH, US
[72] POPESZKU, RUDOLPH, US
[71] APS TECHNOLOGY, INC., US
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[54] **MATERIAU POUR STORE D'AERONEF A COUCHES MULTIPLES**
[72] THOMAS, PERKINS S., US
[72] BARON, JOHN P., US
[72] HARRIS, JOHN N., US
[72] LENNON, BRIAN J., US
[72] STERLING, DAVID E., US
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[54] **APPAREIL DE DIAGRAPHIE ET SON PROCEDE D'UTILISATION**
[72] ASH, SIMON CHRISTOPHER, GB
[72] CHAPLIN, MICHAEL JOHN, GB
[71] REEVES WIRELINE TECHNOLOGIES LIMITED, GB
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[54] **A TUNABLE LASER, A METHOD FOR MAKING AND A METHOD FOR OPERATING SUCH A LASER**
[54] **LASER ACCORDABLE, PROCEDE DE FABRICATION ET PROCEDE DE FONCTIONNEMENT D~UN TEL LASER**
[72] BISMUTO, ALFREDO, CH
[72] WOLF, JOHANNA, CH
[72] MULLER, ANTOINE, CH
[72] FAIST, JEROME, CH
[71] ALPES LASERS SA, CH
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[54] **EXTENSION IMPLEMENT FOR A PNEUMATICALLY ACTUATED BUFFER**
[54] **OUTIL D'EXTENSION POUR TAMPON A ACTIONNEMENT PNEUMATIQUE**
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[71] BUREAU, DENIS, CA
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[54] **AGENT DE MASQUAGE DURCISSABLE PAR RAYONNEMENT A HAUTE RESISTANCE THERMIQUE POUR SUBSTRATS METALLIQUES**
[72] NEBIOGLU, AHMET, US
[72] MORIN, MICHAEL A., US
[72] CAYER, CHRISTOPHER ALAN, US
[72] RAHIM, MARUFUR, US
[71] DYMAX CORPORATION, US
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[54] **CUVE A LIQUIDE POUR HUMIDIFICATEUR DE GAZ MEDICAL**
[72] DAVOINE, ROMAIN, FR
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[54] **WATER PIPE AND APPARATUS AND METHOD OF MAKING THE SAME**
[54] **CONDUITE D'EAU ET APPAREIL ET PROCEDE DE FABRICATION DE CELLE-CI**
[72] HOCH, BRUCE A., US
[72] HOCH, CHARLES V., US
[71] HOCH, BRUCE A., US
[71] HOCH, CHARLES V., US
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[54] **ENSEMBLE ENCLUME A MANCHON COULISSANT**
[72] WILLIAMS, JUSTIN, US
[71] COVIDIEN LP, US
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[54] **COMPOSITION DE REVETEMENT COMPRENANT DES COMPOSES QUATERNAIRES DE POLYSILOXANE**
[72] DE GANS, BEREND-JAN, DE
[72] HERRWERTH, SASCHA, DE
[72] TRAMBITAS, ALEXANDRA, DE
[72] DAHL, VERENA, DE
[72] HICKING, SYLVIA, DE
[72] GIUFFRE, GIUSEPPE, DE
[71] EVONIK INDUSTRIES AG, DE
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[54] **RELEASE TOOL FOR A DRILL STRING INSIDE BLOWOUT PREVENTER**
[54] **OUTIL DE LIBERATION DE TRAIN DE TIGES A L'INTERIEUR D'UN OBTURATEUR DE PUITS**
[72] WILLIAMS, DONALD L., US
[71] DWJ INC., US
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[54] **LABELS AND METHODS OF PRODUCING THE SAME**
[54] **ETIQUETTES ET LEURS PROCEDES DE FABRICATION**
[72] TOBOL, GRETCHEN M., US
[72] WARMUS, JAMES, US
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[54] **MULTI-LAYER FORMS AND METHODS OF MANUFACTURING THE SAME**
[54] **FORMES A COUCHES MULTIPLES ET LEURS PROCEDES DE FABRICATION**
[72] JOHNSON, JOSHUA, US
[72] BAETEN, LYNN, US
[72] WOOD, ERIC M., US
[72] PULLEY, KEVIN, US
[71] R. R. DONNELLEY & SONS COMPANY, US
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[25] EN
[54] **FLUID DISPLACEMENT SYSTEM USING GEROTOR PUMP**
[54] **FORMES A COUCHES MULTIPLES ET PROCEDES**
[72] VAZQUEZ, RAIMUNDO PARDO, VE
[72] ARAUJO ANEZ, ALEXANDRA DEL CARMEN, VE
[72] CAICEDO SANDGREN, SERGIO ARTURO, VE
[71] INTEVEP, S.A., VE
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[54] **LICOL DE CHEVAL**
[72] KRICKEBERG, KALLEY N., US
[71] AHEAD OF THE CURVE HOLDINGS, INC., US
[22] 2014-09-04
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[54] **ENSEMBLE CHARRUE**
[72] RYAN, JOHN WILLIAM, AU
[72] WOODE, RICHARD ALEC, AU
[72] VANCE, CARL BERNARD, AU
[71] AUSPLOW PTY. LTD., AU
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[54] **FLACON FILTRANT A COURSE DE PISTON LIMITEE**
[72] ELLIS, SAMUEL A., US
[72] HINGORANI, KISHAN G., US
[71] SCIENTIFIC PLASTIC PRODUCTS, INC., US
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[25] EN
[54] **POLYMER ENCAPSULATED TITANIUM DIOXIDE PARTICLES**
[54] **PARTICULES DE DIOXYDE DE TITANE ENCAPSULEES DANS UN POLYMERE**
[72] AULD, KATHLEEN A., US
[72] KELLY, DAVID G., US
[72] BARDMAN, JAMES K., US
[72] RHODES, MICHAEL, US
[72] HEFFNER, MICHELE, US
[71] ROHM AND HAAS COMPANY, US
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[41] 2015-03-13
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[54] **PASSIVE DRY DEPOSITION (PAS-DD) COLLECTOR**
[54] **COLLECTEUR DE DEPOTS SECS PASSIFS**
[72] HARNER, TOMASZ, CA
[71] HER MAJESTY THE QUEEN IN RIGHT OF CANADA, AS REPRESENTED BY THE MINISTER OF ENVIRONMENT, CA
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[54] **COUPLING ASSEMBLY FOR HELICAL PILE SYSTEM**
[54] **ASSEMBLAGE DE COUPLAGE POUR SYSTEME DE PIEUX HELICOIDAUX**
[72] KEMP, TIMOTHY M., US
[72] DOWNEY, SHAWN D., US
[72] HAWKINS, KELLY S., US
[71] HUBBELL INCORPORATED, US
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[25] EN
[54] **APPARATUS AND METHODS FOR INHIBITING A SCREEN-OUT CONDITION IN A SUBTERRANEAN WELL FRACTURING OPERATION**
[54] **APPAREIL ET PROCEDES EMPECHANT UNE CONDITION DE TAMISAGE DANS UNE OPERATION DE FRACTURATION DE PUITS SOUTERRAIN**
[72] NAEDLER, MARK H., US
[71] UTEX INDUSTRIES, INC., US
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[54] **APPARATUS FOR PREVENTING SEPARATION OF DOWNHOLE MOTOR FROM DRILLSTRING**
[54] **APPAREIL DESTINE A EMPECHER LA SEPARATION D'UN MOTEUR DE FOND DE TROU D'UN TRAIN DE TIGES DE FORAGE**
[72] ALTIMAS, GREGORY R., CA
[71] WEATHERFORD/LAMB, INC., US
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[54] **METHOD FOR GAS METAL ARC WELDING**
[54] **PROCEDE DE SOUDAGE A L'ARC SOUS PROTECTION GAZEUSE**
[72] SIEWERT, ERWAN, DE
[72] DREBEL, LAURENTIUS, DE
[71] LINDE AKTIENGESELLSCHAFT, DE
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[25] EN
[54] **WHEEL HUB, IN PARTICULAR AN AIRCRAFT WHEEL HUB**
[54] **MOYEU DE ROUE, EN PARTICULIER UN MOYEU DE ROUE D'AERONEF**
[72] BUTER, ANDREAS, DE
[72] BORMANN, ERIK, DE
[72] BECKER, PAUL, DE
[72] KUPRESANIN, BRANKO, DE
[71] RODER PRAZISION GMBH, DE
[71] FRAUNHOFER GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[25] EN
[54] **REMOTE OPERATED CIRCUIT BREAKER WITH MANUAL RESET**
[54] **DISJONCTEUR ACTIONNE A DISTANCE AVEC REARMEMENT MANUEL**
[72] FASANO, MICHAEL, US
[72] LIN, JIANZHUAN, US
[71] CARLING TECHNOLOGIES, INC., US
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[25] EN
[54] **LABEL PAPER PROCESSING APPARATUS**
[54] **APPAREIL DE TRAITEMENT DE PAPIER POUR ETIQUETTES**
[72] IZAWA, HIDEO, JP
[72] NAMIKI, TAKAO, JP
[72] ISHIKAWA, AKIRA, JP
[72] YAMAZAKI, YUUICHI, JP
[71] MIYAKOSHI PRINTING MACHINERY CO., LTD., JP
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[54] **ARRANGEMENT FOR A TANK BETWEEN A NACELLE COWLING AND A TURBOMACHINE**
[54] **AGENCEMENT DE CITERNE ENTRE UN CAPOT DE NACELLE ET UNE TURBOMACHINE**
[72] KOHN, THIERRY, FR
[72] FERT, JEREMY EDMOND, FR
[71] SNECMA, FR
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[54] **BLADE AND HOOK ASSEMBLY FOR TAPE RULE**
[54] **ENSEMBLE LAME ET CROCHET POUR METRE A RUBAN**
[72] MURRAY, JOHN C., US
[72] DELNEO, JOHN, US
[71] STANLEY BLACK & DECKER INC., US
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[54] **BUCKLE COMPONENT**
[54] **COMPOSANT DE BOUCLE**
[72] HORTNAGL, ANDREAS, AT
[71] ABA HORTNAGL GMBH, AT
[22] 2014-09-04
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[30] AT (A 693/2013) 2013-09-09

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[25] EN
[54] **ATTACHABLE GRAPPLE MOUNTING SYSTEM**
[54] **SYSTEME DE MONTAGE A GRAPPIN POUVANT ETRE FIXE**
[72] MILLER, TIMOTHY D., US
[71] MILLER, TIMOTHY D., US
[22] 2014-09-08
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[54] **HIGHER PRIORITY NETWORK SCANNING**
[54] **BALAYAGE DE RESEAU A PRIORITE ELEVEE**
[72] WIRTANEN, JEFFREY WILLIAM, CA
[72] ISLAM, MUHAMMAD KHALEDUL, CA
[71] BLACKBERRY LIMITED, CA
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[54] **BALE PROCESSOR**
[54] **PROCESSEUR DE BALLES**
[72] GRAHAM, LUCAS B., US
[72] MUSHITZ, LUKE A., US
[71] VERMEER MANUFACTURING COMPANY, US
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[25] EN
[54] **ROTARY HEAD FLASHLIGHT HEADLAMP**
[54] **LAMPE FRONTALE/LAMPE DE POCHE A TETE ROTATIVE**
[72] INSKEEP, MATHEW, US
[71] INSKEEP, MATHEW, US
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[51] **Int.Cl. H04W 40/34 (2009.01) H04W 40/30 (2009.01) H04W 76/04 (2009.01)**
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[54] **INTELLIGENT CALL ROUTING**
[54] **ROUTAGE D'APPEL INTELLIGENT**
[72] MCGONIGAL, GRAHAM, US
[72] MULLIGAN, ED, US
[71] VONAGE NETWORK LLC, US
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[13] A1
[51] **Int.Cl. E04D 5/02 (2006.01) D06N 5/00 (2006.01)**
[25] EN
[54] **MULTI-ROLL GRANULE APPLICATION**
[54] **APPLICATION DE GRANULES AU MOYEN D'UN LAMINOIR COMBINE**
[72] MISHLER, PATRICK, US
[71] BUILDING MATERIALS INVESTMENT CORPORATION, US
[22] 2014-09-11
[41] 2015-03-11
[30] US (61/876,386) 2013-09-11
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[51] **Int.Cl. A61B 5/06 (2006.01) A61B 5/042 (2006.01) A61B 18/12 (2006.01) A61B 19/00 (2006.01)**
[25] EN
[54] **METHOD FOR MAPPING VENTRICULAR/ATRIAL PREMATURE BEATS DURING SINUS RHYTHM**
[54] **PROCEDE DE MAPPAGE DES EXTRASYSTOLES VENTRICULAIRES/AURICULAIRES DURANT LE RYTHME SINUSAL**
[72] CHMIEL, YORAM, IL
[72] HAYAM, GAL, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2014-09-05
[41] 2015-03-12
[30] US (14/024,859) 2013-09-12

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[13] A1
[51] **Int.Cl. E21B 43/267 (2006.01) E21B 33/08 (2006.01) E21B 43/116 (2006.01)**
[25] EN
[54] **METHOD TO UNDERDISPLACE HYDRAULIC FRACTURES IN HORIZONTAL OR DEVIATED WELL**
[54] **PROCEDE DESTINE AU SOUS-DEPLACEMENT DE FRACTURES HYDRAULIQUES DANS UN PUITS HORIZONTAL OU DEVIE**
[72] NOE, JEFFREY MALOY, US
[72] BRISCO, DAVID PAUL, US
[72] MOWAD, BENJAMIN, US
[72] SMITH, ROBERT DALE, US
[72] FONSECA OCAMPOS, ERNESTO RAFAEL, US
[72] CARLILE, JODDIE JOSEPH, US
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[22] 2014-09-09
[41] 2015-03-11
[30] US (61/876,296) 2013-09-11

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[51] **Int.Cl. E02B 11/00 (2006.01)**
[25] EN
[54] **MAINTAINABLE SOIL DRAIN**
[54] **CANALISATION D'EVACUATION APTE A L'ENTRETIEN**
[72] WHITE, DAVID J., US
[71] WHITE, DAVID J., US
[22] 2014-09-09
[41] 2015-03-09
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[54] **BATTERY HARVESTER**
[54] **RECUPERATEUR D'ENERGIE DE BATTERIE**
[72] FORD, TIMOTHY D.F., CA
[71] FORD, TIMOTHY D.F., CA
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[41] 2015-03-10
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[51] **Int.Cl. C08K 5/521 (2006.01) C08L 75/04 (2006.01) C09K 21/12 (2006.01) C10M 105/74 (2006.01)**
[25] EN
[54] **PHOSPHORIC ESTER PREPARATIONS WITH REDUCED HYGROSCOPICITY**
[54] **PREPARATIONS D'ESTER PHOSPHORIQUE A HYGROSCOPICITE REDUITE**
[72] HANSEL, JAN-GERD, DE
[72] TEBBE, HEIKO, DE
[71] LANXESS DEUTSCHLAND GMBH, DE
[22] 2014-09-10
[41] 2015-03-13
[30] EP (13184290.8) 2013-09-13

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[51] **Int.Cl. H02J 11/00 (2006.01) F03D 11/00 (2006.01) H02J 3/38 (2006.01)**
[25] EN
[54] **AUXILIARY ELECTRIC POWER SYSTEM AND METHOD OF REGULATING VOLTAGES OF THE SAME**
[54] **SYSTEME D'ALIMENTATION AUXILIAIRE ELECTRIQUE ET PROCEDE DE REGULATION DES TENSIONS DE CELUI-CI**
[72] SCHNETZKA, HAROLD ROBERT, US
[72] JAYCO, TIMOTHY WILCOX, US
[72] WILMOT, THEODORE STEVEN, US
[72] VUJANOVIC, BRANISLAV, DE
[71] GENERAL ELECTRIC COMPANY, US
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[51] **Int.Cl. H02J 1/00 (2006.01) H02M 3/10 (2006.01)**
[25] EN
[54] **HIGH VOLTAGE DC POWER CONVERSION SYSTEM AND METHOD OF OPERATING THE SAME**
[54] **SYSTEME DE CONVERSION D'UNE ALIMENTATION C.C. HAUTE TENSION ET PROCEDE DE FONCTIONNEMENT DE CELUI-CI**
[72] GUPTA, RANJAN KUMAR, US
[72] ZHOU, RUI, US
[71] GE ENERGY POWER CONVERSION TECHNOLOGY LIMITED, GB
[22] 2014-09-04
[41] 2015-03-13
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[51] **Int.Cl. G04G 7/00 (2006.01) G05B 19/05 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF SYNCHRONIZING TIME BETWEEN MULTIPLE SYSTEMS**
[54] **SYSTEME ET PROCEDE DE SYNCHRONISATION TEMPORELLE ENTRE DES SYSTEMES MULTIPLES**
[72] BASULTO, JORGE A., US
[72] PAYNE, CHARLES D., US
[71] HARNISCHFEGER TECHNOLOGIES, INC., US
[22] 2014-09-04
[41] 2015-03-09
[30] US (14/021,287) 2013-09-09

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[51] **Int.Cl. E04G 3/24 (2006.01) E04G 3/28 (2006.01) F03B 11/00 (2006.01)**
[25] EN
[54] **PLATFORM FOR ACCESSING A HYDRAULIC MACHINE AND METHODS FOR INSTALLING AND DISASSEMBLING SUCH A PLATFORM IN A SUCTION TUBE**
[54] **PLATEFORME D'ACCES A UNE MACHINE HYDRAULIQUE ET PROCEDES POUR INSTALLER ET DEMONTER UNE TELLE PLATEFORME DANS UN TUBE D'ASPIRATION**
[72] CHABERT, LUCAS, FR
[72] CZERWINSKI, FRANCOIS, FR
[71] ALSTOM RENEWABLE TECHNOLOGIES, FR
[22] 2014-09-09
[41] 2015-03-10
[30] FR (1358685) 2013-09-10

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[51] **Int.Cl. H02J 7/00 (2006.01) B60L 11/18 (2006.01) B60S 5/00 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR ELECTRIC VEHICLE CHARGING**
[54] **PROCEDES ET SYSTEMES DE CHARGE DE VEHICULE ELECTRIQUE**
[72] SARKAR, REUBEN, US
[72] GOTTSCHALK, MARC, US
[71] PROTERRA INC., US
[22] 2014-09-10
[41] 2015-03-11
[30] US (61/876,698) 2013-09-11

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[25] EN
[54] **METHOD AND APPARATUS FOR SHARP COLOR DEFINITION ON THE APPLICATION OF GRANULES TO ROOFING SUBSTRATES**
[54] **PROCEDE ET APPAREIL POUR DEFINITION DE COULEURS NETTES POUR L~APPLICATION DE GRANULES SUR DES SUBSTRATS DE TOITURE**
[72] SVEC, JAMES A., US
[71] BUILDING MATERIALS INVESTMENT CORPORATION, US
[22] 2014-09-09
[41] 2015-03-11
[30] US (61/876,388) 2013-09-11
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[51] **Int.Cl. C01B 13/00 (2006.01) B01D 53/66 (2006.01) C01B 13/02 (2006.01) C01B 13/10 (2006.01)**
[25] EN
[54] **INTEGRATED PROCESS FOR PRODUCTION OF OZONE AND OXYGEN**
[54] **PROCEDE INTEGRE POUR LA PRODUCTION D'OZONE ET D'OXYGENE**
[72] GOLDEN, TIMOTHY CHRISTOPHER, US
[72] DHOLAKIA, VIPUL P., US
[72] SISODIA, SUNITA S., US
[71] AIR PRODUCTS AND CHEMICALS, INC., US
[22] 2014-09-09
[41] 2015-03-12
[30] US (14/024,686) 2013-09-12

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[51] **Int.Cl. G06Q 10/00 (2012.01)**
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[54] **AUDITING RULES OPTIMIZER**
[54] **OPTIMISEUR DE REGLES D'AUDIT**
[72] CANIS, LAURE, FR
[71] AMADEUS S.A.S., FR
[22] 2014-09-12
[41] 2015-03-12
[30] EP (13 290 218.0) 2013-09-12
[30] US (14/025,054) 2013-09-12

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[13] A1
[51] **Int.Cl. G06F 3/0481 (2013.01)**
[25] EN
[54] **DEVICE AND METHOD FOR IDENTIFYING DATA**
[54] **DISPOSITIF ET PROCEDE D'IDENTIFICATION DE DONNEES**
[72] GARDENFORS, DAN ZACHARIAS, SE
[72] AINALEM, MIKAEL, SE
[71] BLACKBERRY LIMITED, CA
[22] 2014-09-09
[41] 2015-03-09
[30] US (14/021,718) 2013-09-09

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[13] A1
[51] **Int.Cl. G06F 3/0481 (2013.01) G06F 3/0488 (2013.01)**
[25] EN
[54] **METHODS AND SOFTWARE FOR FACILITATING THE SELECTION OF MULTIPLE ITEMS AT AN ELECTONIC DEVICE**
[54] **PROCEDES ET LOGICIEL FACILITANT LA SELECTION D'ELEMENTS MULTIPLES A UN DISPOSITIF ELECTRONIQUE**
[72] MELEN, SVEN OLA PETTER, SE
[71] BLACKBERRY LIMITED, CA
[22] 2014-09-09
[41] 2015-03-12
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[25] EN
[54] **FULL DUPLEX RESOURCE REUSE ENABLEMENT**
[54] **AUTORISATION DE REUTILISATION DE RESSOURCES EN DUPLEX INTEGRAL**
[72] BUCKLEY, MICHAEL EOIN, US
[72] ALI, SHIROOK M., CA
[71] BLACKBERRY LIMITED, CA
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[13] A1
[51] **Int.Cl. B65C 3/16 (2006.01) B65C 3/08 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ORIENTING CONTAINERS IN A LABELING SYSTEM BACKGROUND**
[54] **SYSTEMES ET PROCEDES D'ORIENTATION DE CONTENANTS DANS UN SYSTEME D'ETIQUETAGE**
[72] MERRILL, DALE C., US
[72] GAGNON, FRANCOIS, CA
[71] NEW JERSEY MACHINE INC., US
[22] 2014-09-11
[41] 2015-03-12
[30] US (14/024,897) 2013-09-12

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[13] A1
[51] **Int.Cl. E21B 49/08 (2006.01)**
[25] EN
[54] **ALTERNATIVE GAUGING SYSTEM FOR PRODUCTION WELL TESTING AND RELATED METHODS**
[54] **SYSTEME DE JAUGEAGE DE SUBSTITUTION POUR ESSAI DE PUITS DE PRODUCTION ET PROCEDES ASSOCIES**
[72] SONDHI, AMIT, US
[71] CHEVRON U.S.A. INC., US
[22] 2014-09-12
[41] 2015-03-13
[30] US (14/026941) 2013-09-13

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[51] **Int.Cl. C02F 9/08 (2006.01) C02F 1/36 (2006.01) C02F 1/66 (2006.01) C02F 1/72 (2006.01) C02F 1/78 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR TREATMENT OF SPENT CAUSTIC WASTEWATER**
[54] **SYSTEME ET PROCEDE DE TRAITEMENT D'EAUX USEES CAUSTIQUES**
[72] MILOSEVIC, VESELIN, CA
[72] NARANJO, FERNANDO, CA
[72] KOSANIC, DRAGO, CA
[72] ZARCZYNZKI, JACK, CA
[72] STEWART, CLINT, CA
[71] ENVIROSYSTEMS INC., CA
[71] ULTRASONIC SYSTEMS GMBH, DE
[22] 2014-09-12
[41] 2015-03-12
[30] CA (2,826,715) 2013-09-12

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[13] A1
[51] **Int.Cl. B64F 5/00 (2006.01) B64D 15/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR COORDINATING REMOVAL OF CONTAMINATION FROM SURFACE OF AIRCRAFT**
[54] **PROCEDE ET SYSTEME PERMETTANT DE COORDONNER L'ELIMINATION DES CONTAMINANTS SUR LA SURFACE D'UN AERONEF**
[72] CAMPBELL, JEFFERY P., US
[72] BAMBRICK, DAVID, US
[71] JCAI INC., CA
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[41] 2015-03-13
[30] US (61/877,400) 2013-09-13
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[51] **Int.Cl. G06F 17/50 (2006.01)**
[25] EN
[54] **A COMPUTER-IMPLEMENTED METHOD FOR DESIGNING AN INDUSTRIAL PRODUCT MODELED WITH A BINARY TREE**
[54] **PROCEDE MIS EN OEUVRE PAR ORDINATEUR POUR CONCEVOIR UN PRODUIT INDUSTRIEL MODELISE AVEC UN ARBRE BINAIRE**
[72] RAMEAU, JEAN-FRANCOIS, FR
[71] DASSAULT SYSTEMES, FR
[22] 2014-09-08
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[72] ECKER, JEFFREY AARON, CA
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[54] SYSTEME DE COUPE POUR ASPIRATION DE POMPE
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[72] ENTERLINE, ANDREW, US
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[71] CORNELL PUMP COMPANY, US
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[72] CHATTERJI, JITEN, US
[72] CROMWELL, ROGER STANLEY, US
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[72] WITTIG, AXEL, DE
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[72] GLEIM, PATRICK, DE
[72] SIEL, CHRISTOPH, DE
[71] WIKUS SAEGENFABRIK WILHELM H. KULLMANN GMBH & CO. KG, DE
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[54] **APPARATUS FOR MONITORING AND DIAGNOSING POWER TRANSMISSION LINE**
[54] **APPAREIL DE SURVEILLANCE ET DE DIAGNOSTIC DE LIGNE DE TRANSPORT D~ELECTRICITE**
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[72] MYOUNG, HEE CHEOL, KR
[72] CHO, DEOK HWAN, KR
[71] HYUNDAI HEAVY INDUSTRIES CO., LTD, KR
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[54] **CONNECTEUR AYANT UNE CONNECTIVITE MULTIDIRECTIONNELLE**
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[72] BREEDEN, WINSTON, III, US
[71] WINSTON PRODUCTS LLC, US
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[54] **DISPOSITIF DE LUTTE CONTRE LE BRUIT**
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[72] GARRISH, CHAD, US
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[72] TEMBLADOR, RICHARD, US
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[54] **OUTIL DE FOND DE TROU COMPORTANT UN ELEMENT COULISSANT CONSTITUE D~UN ANNEAU COMPOSITE**
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[72] YOUNG, JONATHAN, US
[72] PRITCHETT, WESLEY, US
[72] ROCHEN, JAMES A., US
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[54] **RACCORD HYDRAULIQUE POUR FLEXIBLE HYDRAULIQUE**
[72] WOOD, NEAL, CA
[72] REDFERN, RICHARD, CA
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[72] MUTH, AARON, US
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[54] **PLATEAU-ECROU SANS RIVET, ENSEMBLES DE PLATEAU-ECROU SANS RIVET, PIECES CONTENANT DES ELEMENTS DE FIXATION DE PLATEAU-ECROU SANS RIVET, ET PROCEDES CONNEXES**
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[72] SPADACCINO, STEVEN, US
[72] FORTUNATO, KEVIN, US
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[72] FRANCZYK, THADDEUS S., US
[72] BARNES, DAVID M., US
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[54] **COMPOSITIONS COSMETIQUES COMPRENANT EPA ET GLA ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
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[72] COUGHLAN, DAVID, IE
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[71] SAGEM DEFENSE SECURITE, FR
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[72] HUNT, DIANA KATHARINE, US
[72] SUN, CUIXIANG, US
[72] RONN, MAGNUS, US
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[54] **SYSTEME DE PLOMBERIE D'OFFICE D'AERONEF ET COLLECTEUR DE MONTAGE DE FILTRE ET DE DISTRIBUTION D'EAU POTABLE POUR CELUI-CI**
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[54] PROCEDE DE CONCEPTION D'UN APPAREIL DENTAIRE
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[71] MODJAW, FR
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[72] RITTER, ALLEN MICHAEL, US
[72] LARSEN, EINAR VAUGHN, US
[72] KLODOWSKI, ANTHONY MICHAEL, US
[72] TAN, ZHUOHUI, CN
[72] YANG, WENQIANG, CN
[72] BARKER, SIDNEY ALLEN, US
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[54] FORMATION DE [2,2] PARACYCLOPHANE ET DE COMPOSES APPARENTES ET PROCEDES POUR LA FORMATION DE POLYMERES A PARTIR DE CYCLOPHANES
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[72] REYNOLDS, SEAN, US
[71] CARVER SCIENTIFIC, INC., US
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[54] DISPOSITIF DE CHUTE
[72] HALLUNDBAEK, JORGEN, DK
[72] KRUGER, CHRISTIAN, DK
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[54] CIRCUIT DE POURSUITE ET PROCEDE POUR POURSUIVRE UNE ORIENTATION D'UN ROTOR D'UN MOTEUR PENDANT UNE PERTE D'ENERGIE SOURCE FOURNIE A UN MOTEUR D'ENTRAINEMENT
[72] POLLARD, BRIAN, GB
[71] EATON LIMITED, GB
[85] 2015-02-27
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[54] APPAREIL DE CHAUFFAGE THERMIQUE SEMI-INSTANTANE A INDUCTION PAR MICRO-ONDES
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[54] **STRUCTURE AUTOMATISEE DESTINEE A RECEVOIR DES CONSTRUCTIONS MODULAIRES, SYSTEME D'AUTOMATISATION ASSOCIE ET PROCEDE DE FONCTIONNEMENT**
[72] VIEIRA LOPES, MANUEL, PT
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[54] **NETTOYANT PUISSANT POUR LA PEAU SANS TENSIOACTIF ET SANS SOLVANT**
[72] GRASCHA, PIERRE BRUNO, FR
[71] PIBED LIMITED, GB
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[54] **RAPID HEATING APPARATUS OF CONTINUOUS ANNEALING LINE**
[54] **DISPOSITIF DE CHAUFFAGE RAPIDE D'UN EQUIPEMENT DE RECUIT CONTINU**
[72] FUKUNAGA, TAKAYUKI, JP
[72] AKAGI, ISAO, JP
[71] JFE STEEL CORPORATION, JP
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[54] **PROCEDE DE FABRICATION DE TABLE DE MACHINE DE COUPE**
[72] FORLONG, MURRAY HOULTON, NZ
[71] EIGEN SYSTEMS LIMITED, NZ
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[86] 2012-08-31 (PCT/NZ2012/000153)
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[54] **DISPOSITIFS MICROFLUIDIQUES ACTIONNES DE FACON ELECTROCHIMIQUE**
[72] PAYNE, FORREST W., US
[72] KUMAR, SAI RAMAMURTHY, US
[72] EVANS, CHRISTINE E., US
[72] WASHBURN, ANNA, US
[72] DUNN, ANDY M., US
[72] YOUNG, BRIAN, US
[72] BRUTON, JOE, US
[72] DAS, CHAMPAK, US
[72] JEERAGE, KAVITA M., US
[72] KOVAL, CARL A., US
[72] NOBLE, RICHARD D., US
[71] SFC FLUIDICS, LLC, US
[71] THE REGENTS OF THE UNIVERSITY OF COLORADO, US
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[54] **APPAREIL D'EXTRACTION DE DECHETS D'UNE MACHINE DE COUPE**
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[71] EIGEN SYSTEMS LIMITED, NZ
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[54] **DERIVES DE PYRROLOTRIAZINONE EN TANT QU'INHIBITEURS DES PI3K**
[72] ERRA SOLA, MONTSERRAT, ES
[72] CARRASCAL RIERA, MARTA, ES
[72] TALTAVULL MOLL, JOAN, ES
[72] CATURLA JAVALOYES, JUAN FRANCISCO, ES
[72] BERNAL ANCHUELA, FRANCISCO JAVIER, ES
[72] PAGES SANTACANA, LLUIS MIQUEL, ES
[72] MIR CEPEDA, MARTA, ES
[72] CASALS COLL, GASPAR, ES
[72] HERNANDEZ OLASAGARRE, MARIA BEGONA, ES
[71] ALMIRALL, S.A., ES
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[54] **OPTICAL DEVICE FOR DETECTING ABNORMALITIES IN MILK**
[54] **DISPOSITIF OPTIQUE DE DETECTION D'ANOMALIES DANS LE LAIT**
[72] KRIEF, HAIM, SE
[71] DELAVAL HOLDING AB, SE
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[54] **CONDUCTOR OF HIGH ELECTRICAL CURRENT AT HIGH TEMPERATURE IN OXYGEN AND LIQUID METAL ENVIRONMENT**
[54] **CONDUCTEUR D'UN COURANT ELECTRIQUE ELEVE A UNE TEMPERATURE ELEVEE DANS UN ENVIRONNEMENT RICHE EN OXYGENE ET EN METAL LIQUIDE**
[72] POWELL, ADAM CLAYTON, IV, US
[72] PATI, SOOBHANKAR, US
[72] DEREZINSKI, STEPHEN JOSEPH, US
[72] LAU, GARRETT, US
[72] PAL, UDAY B., US
[72] GUAN, XIAOFEI, US
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[71] INFINIUM, INC., US
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[54] **ARC PVD COATING WITH ENHANCED REDUCING FRICTION AND REDUCING WEAR PROPERTIES**
[54] **REVETEMENT PAR DEPOT PHYSIQUE EN PHASE VAPEUR PAR ARC PRESENTANT DE MEILLEURES PROPRIETES DE REDUCTION DU FROTTEMENT ET DE REDUCTION DE L'USURE**
[72] RAMM, JURGEN, CH
[72] SOBIECH, MATTHIAS LUKAS, DE
[72] SEIBERT, FLORIAN, CH
[72] WIDRIG, BENNO, CH
[71] OERLIKON SURFACE SOLUTIONS AG, TRUBBACH, CH
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[54] **SYSTEM AND METHODS FOR BELT CONVEYOR WEIGHING**
[54] **SYSTEMES ET PROCEDES POUR PESAGE DE TRANSPORTEUR A COURROIE**
[72] HYER, FRANK S., US
[72] TOLLES, RICHARD J., US
[71] HYER INDUSTRIES, INC., US
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[54] **INTEGRATED PROCESS FOR PRODUCING CARBOXYLIC ACIDS FROM CARBON DIOXIDE**
[54] **PROCEDE INTEGRE POUR LA PRODUCTION D'ACIDES CARBOXYLIQUES A PARTIR DE DIOXYDE DE CARBONE**
[72] KACZUR, JERRY J., US
[71] LIQUID LIGHT, INC., US
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[54] **VIDEO CODING WITH IMPROVED RANDOM ACCESS POINT PICTURE BEHAVIORS**
[54] **VIDEOCODAGE A COMPORTEMENTS D'IMAGES DE POINTS D'ACCES ALEATOIRES AMELIORES**
[72] WANG, YE-KUI, US
[71] QUALCOMM INCORPORATED, US
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[54] **COMPOSITIONS AND METHODS FOR DRUG-SENSITIZATION OR INHIBITION OF A CANCER CELL**
[54] **COMPOSITIONS ET PROCEDES DE SENSIBILISATION AUX MEDICAMENTS OU D'INHIBITION D'UNE CELLULE CANCEREUSE**
[72] SACCHETTINI, JAMES, US
[72] MAXWELL, STEVE, US
[72] BAKER, DWIGHT, US
[72] ZHOU, NIAN, US
[72] WALLIS, DEEANN, US
[71] THE TEXAS A&M UNIVERSITY SYSTEM, US
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[54] **SYSTEM AND METHOD FOR QUANTUM KEY DISTRIBUTION**
[54] **SYSTEME ET PROCEDE DE CRYPTOGRAPHIE QUANTIQUE**
[72] LUTKENHAUS, NORBERT, CA
[72] MA, XIONGFENG, GB
[71] LUTKENHAUS, NORBERT, CA
[71] MA, XIONGFENG, GB
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[54] **SYSTEM AND METHOD FOR MEASURING LUNG CAPACITY AND STAMINA**
[54] **SYSTEME ET PROCEDE SERVANT A MESURER LA CAPACITE ET LA RESISTANCE PULMONAIRES D'UN PATIENT**
[72] LOTAN, CHAIM, IL
[72] LOTAN, AVIV, IL
[72] KREMER-TAL, SIGAL, IL
[71] COUNTINGAPP MEDICAL LTD., IL
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[54] **COMPOSITIONS THERAPEUTIQUES ET METHODES ASSOCIEES**
[72] ROTHBARD, JONATHAN B., US
[72] STEINMAN, LAWRENCE, US
[72] KURNELLAS, MICHAEL P., US
[71] THE BOARD OF TRUSTEES OF LELAND STANDFORD JUNIOR UNIVERSITY, US
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[54] **POROUS GELS AND USES THEREOF**
[54] **GELS POREUX ET UTILISATIONS ASSOCIEES**
[72] LI, NAIHONG, US
[72] WU, JEN-CHIEH, US
[71] MOASIS INC., US
[85] 2015-02-25
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[25] EN
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[54] **SYSTEME DE TENSION DE COURROIE**
[72] KNOX, HOWARD T., US
[71] ANCRA INTERNATIONAL LLC, US
[85] 2015-02-27
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[54] **ISOLATION ACOUSTIQUE POUR CORDES D'INSTRUMENTS DE MUSIQUE; UTILISATION, PROCEDE CONNEXE ET CORDE**
[72] ZWIEG, THOMAS, DK
[71] LARSEN STRINGS A/S, DK
[85] 2015-02-25
[86] 2013-09-03 (PCT/DK2013/050277)
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[30] EP (12182951.9) 2012-09-04
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[54] **MAT TELESCOPIQUE**
[72] BACH, CARSTEN, DK
[71] FALCK SCHMIDT DEFENCE SYSTEMS A/S, DK
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[54] **METHODS AND COMPOSITIONS RELATED TO MODULATORS OF EUKARYOTIC CELLS**
[54] **PROCEDES ET COMPOSITIONS LIES A DES MODULATEURS DE CELLULES EUCARYOTES**
[72] ZHANG, HONGKAI, US
[72] WILSON, IAN A., US
[72] LERNER, RICHARD A., US
[71] THE SCRIPPS RESEARCH INSTITUTE, US
[71] ZHANG, HONGKAI, US
[71] WILSON, IAN A., US
[71] LERNER, RICHARD A., US
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[30] US (61/695,527) 2012-08-31
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[54] **IMPROVED WOUND HEALING COMPOSITIONS COMPRISING MICROSPHERES**
[54] **COMPOSITIONS DE CICATRISATION DE PLAIES AMELIOREES COMPRENANT DES MICROSPHERES**
[72] RITTER, VLADIMIR, IL
[72] KLEYMAN, MERY, IL
[72] BARTFELD, DEBORAH HANAH, IL
[72] ASCULAI, EILON, IL
[71] POLYHEAL LTD., IL
[85] 2015-02-26
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[54] **SEAL ASSEMBLY FOR A CASING HANGER**
[54] **ENSEMBLE DE JOINT D'ETANCHEITE POUR UN ELEMENT DE SUSPENSION D'ENVELOPPE**
[72] HOANG, CHAU, US
[72] DUONG, KHANH ANH, US
[72] MOORE, WILLIAM RYAN, US
[72] PARFREY, KARL A., US
[72] GRIFFIN, CLAYTON, US
[71] VETCO GRAY INC., US
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[30] US (13/596,544) 2012-08-28

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[54] **CELLULE ELECTROCHIMIQUE DU TYPE A CIRCULATION**
[72] POLCYN, GREGOR DAMIAN, DE
[72] BREDEMEYER, NIELS, DE
[72] ROOSEN, CHRISTOPH, DE
[72] DONST, DMITRI, DE
[72] TOROS, PETER, DE
[72] WOLTERING, PETER, DE
[72] HOORMANN, DIRK, DE
[72] HOFMANN, PHILIPP, DE
[72] KOBERLE, STEPHAN, DE
[72] FUNCK, FRANK, DE
[72] STOLP, WOLFRAM, DE
[72] LANGANKE, BERND, DE
[71] THYSSENKRUPP INDUSTRIAL SOLUTIONS AG, DE
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[54] **CHEMICAL INJECTION SYSTEM**
[54] **SYSTEME D'INJECTION DE PRODUIT CHIMIQUE**
[72] KRISTOLA, JAY L., US
[72] FARRELL, MICHAEL D., US
[72] NOWAK, DAVID J., US
[71] SENTRY EQUIPMENT CORPORATION, US
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[54] **MOVEABLE JAW MOUNTING ASSEMBLY**
[54] **ENSEMBLE DE MONTAGE A MACHOIRES MOBILES**
[72] NORDBORG, ROGER, SE
[71] SANDVIK INTELLECTUAL PROPERTY AB, SE
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[54] **SYSTEM AND METHOD FOR PERFORMING SIMULTANEOUS PETROPHYSICAL ANALYSIS OF COMPOSITION AND TEXTURE OF ROCK FORMATIONS**
[54] **SYSTEME ET PROCEDE DE REALISATION D'ANALYSE PETROPHYSIQUE SIMULTANEE DE COMPOSITION ET DE TEXTURE DE FORMATIONS ROCHEUSES**
[72] SKELT, CHRISTOPHER HUGH, US
[71] CHEVRON U.S.A. INC., US
[85] 2015-02-27
[86] 2013-08-27 (PCT/US2013/056781)
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[30] US (61/700,603) 2012-09-13

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[54] **METHOD AND KIT FOR PURIFYING NUCLEIC ACIDS**
[54] **PROCEDE ET KIT DE PURIFICATION D'ACIDES NUCLEIQUES**
[72] HOLMBERG, REBECCA, US
[72] GINDLESPERGER, ALISSA ERIN, US
[72] STOKES, TINSLEY JANNA, US
[72] BELGRADER, PHILLIP, US
[71] AKONNI BIOSYSTEMS INC., US
[85] 2015-02-27
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[30] US (61/693,963) 2012-08-28
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[54] **METHOD OF DETECTING CHROMOSOMAL ABNORMALITIES**
[54] **PROCEDE DE DETECTION D'ANOMALIES CHROMOSOMIQUES**
[72] ROBERTS, CHARLES EDWARD SELKIRK, GB
[72] OLD, ROBERT, GB
[72] CREA, FRANCESCO, GB
[71] PREMAITHA HEALTH LTD, GB
[85] 2015-02-25
[86] 2013-08-29 (PCT/GB2013/052261)
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[54] **METHOD FOR CONTROLLING AND OPTIMIZING THE MANUFACTURE OF GASOLINE BLENDSTOCKS FOR BLENDING WITH AN ALCOHOL AS AN OXYGENATE**
[54] **PROCEDES POUR LE REGLAGE ET L'OPTIMISATION DE LA FABRICATION D'ESSENCES DE BASE DESTINEES A ETRE MELANGEES AVEC UN ALCOOL EN TANT QUE COMPOSE OXYGENE**
[72] KELLY, FRANCIS X., US
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2015-02-24
[86] 2013-08-27 (PCT/US2013/056760)
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[54] **WINDOW STRUCTURE**
[54] **STRUCTURE DE FENETRE**
[72] NOHARA, TSUYOSHI, JP
[72] ARIGA, SHUNJI, JP
[71] MIRAI KIKAKU CO., LTD., JP
[85] 2015-02-24
[86] 2013-08-30 (PCT/JP2013/073262)
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[54] **ROBOTIC DEVICE AND SYSTEM SOFTWARE, HARDWARE AND METHODS OF USE FOR IMAGE-GUIDED AND ROBOT-ASSISTED SURGERY**
[54] **DISPOSITIF ROBOTIQUE, LOGICIEL, MATERIEL SYSTEME ASSOCIES ET LEURS PROCEDES D'UTILISATION EN CHIRURGIE GUIDEE PAR L'IMAGE ET ASSISTEE PAR ROBOT**
[72] TSEKOS, NIKOLAOS, US
[72] NAVKAR, NIKHIL V., US
[71] UNIVERSITY OF HOUSTON, US
[85] 2015-02-27
[86] 2013-08-27 (PCT/US2013/056903)
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[54] **CHARACTER-SHAPED POROUS MITT FOR HOUSING AND DISPENSING SOAP**
[54] **GANT POREUX EN FORME DE PERSONNAGE DESTINE A CONTENIR ET A DISTRIBUER UN SAVON**
[72] PHILLIPS, E. RAY, US
[71] PHILLIPS ENTERTAINMENT GROUP LLC, US
[85] 2015-02-27
[86] 2013-08-29 (PCT/US2013/057323)
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[54] **APPARATUS AND METHOD FOR ULTRASOUND SCREENING**
[54] **DISPOSITIF ET PROCEDE DESTINES AU TAMISAGE PAR ULTRA-SONS**
[72] KISING, JURGEN, CH
[71] ARTECH ULTRASONIC SYSTEMS AG, CH
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[54] **DRUG DELIVERY DEVICES AND METHODS OF MAKING AND USING SAME**
[54] **DISPOSITIFS D'ADMINISTRATION DE MEDICAMENT ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] BLAKE, DIANE A., US
[72] JOHN, VIJAY T., US
[72] AYYALA, RAMESH, US
[72] REISS, KRZYSTOF, US
[71] THE ADMINISTRATORS OF THE TULANE EDUCATIONAL FUND, US
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[54] **USP30 INHIBITORS AND METHODS OF USE**
[54] **INHIBITEURS DE L'USP30 ET METHODES D'UTILISATION**
[72] BINGOL, BARIS, US
[72] CORN, JACOB, US
[72] ZHANG, YINGNAN, US
[71] F. HOFFMANN-LA ROCHE AG, CH
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[54] **COMPOSITIONS IMMUNOGENES**
[72] GRANDI, GUIDO, IT
[72] MARGARIT Y ROS, IMMACULADA, IT
[72] MAIONE, DOMENICO, IT
[71] NOVARTIS AG, CH
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[54] **LONG WAVELENGTH INFRARED DETECTION AND IMAGING WITH LONG WAVELENGTH INFRARED SOURCE**
[54] **DETECTION INFRAROUGE A GRANDES LONGUEURS D'ONDE ET IMAGERIE A L'AIDE D'UNE SOURCE INFRAROUGE A GRANDES LONGUEURS D'ONDE**
[72] MALCOLM, GRAEME, GB
[72] ROBERTSON, GORDON, GB
[71] ITI SCOTLAND - SCOTTISH ENTERPRISE, GB
[85] 2015-02-27
[86] 2013-08-30 (PCT/GB2013/052279)
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[54] **SYSTEM AND METHOD FOR VISUALIZING SYNTHETIC OBJECTS WITHINREAL-WORLD VIDEO CLIP**
[54] **SYSTEME ET PROCEDE POUR VISUALISER DES OBJETS DE SYNTHESE DANS UN CLIP VIDEO DU MONDE REEL**
[72] HARDY, MARC SCOTT, SG
[72] FRANK, ANDREI RICHARD, CA
[71] PAOFIT HOLDINGS PTE LTD, SG
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[54] **CONTACT LENSES MADE WITH HEMA-COMPATIBLE POLYSILOXANE MACROMERS**
[54] **LENTILLES DE CONTACT COMPOSEES DE MACROMERES DE POLYSILOXANE COMPATIBLES AVEC L'HEMA**
[72] UEYAMA, HIROYUKI, JP
[72] CHEN, CHARLIE, US
[72] XU, YUAN, US
[72] LIU, YUWEN, US
[72] ZHENG, YING, US
[72] RICHARDSON, PAUL, US
[72] DANDE, PRASAD, US
[71] COOPERVISION INTERNATIONAL HOLDING COMPANY, LP, BB
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[54] **DISPENSERS**
[54] **DISTRIBUTEURS**
[72] BUCHAN, PETER JAMES, ZA
[71] BUZZ TRADING 197 (PROPRIETARY) LIMITED, ZA
[85] 2015-02-27
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[25] EN
[54] **MEETINGS COORDINATING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE COORDINATION DE REUNIONS**
[72] MEUSHAR, DANA, IL
[72] MEUSHAR, SHARON, IL
[71] PRIVATE SECRETARY LTD., IL
[85] 2015-02-27
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[25] EN
[54] **IMPROVEMENT IN AND RELATING TO ENVIRONMENT CONTROLLED STRUCTURED GREEN HOUSES FOR COST EFFECTIVE FOOD PRODUCTION**
[54] **AMELIORATION APPORTEE ET RELATIVE AUX SERRES STRUCTUREES A ENVIRONNEMENT CONTROLE POUR UNE PRODUCTION RENTABLE D'ALIMENTS**
[72] GUPTA, SAT PARKASH, IN
[71] GUPTA, SAT PARKASH, IN
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[54] **PACKER ASSEMBLY FOR AN OFFSHORE RISER AND METHOD OF USING SAME**
[54] **ENSEMBLE DE GARNITURE POUR UNE COLONNE MONTANTE EN MER ET SON PROCEDE D'UTILISATION**
[72] SEYFFERT, KENNETH W., US
[72] SONNIER, VOLTAIRE O., US
[72] NGUYEN, HOANG, US
[71] NATIONAL OILWELL VARCO, L.P., US
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[54] **COMPOSITIONS AND METHODS FOR IMPROVING THE COMPATIBILITY OF WATER SOLUBLE HERBICIDE SALTS**
[54] **COMPOSITIONS ET PROCEDES POUR L'AMELIORATION DE LA COMPATIBILITE DE SELS HERBICIDES HYDROSOLUBLES**
[72] LIU, LEI, US
[72] ZHANG, HONG, US
[72] KENNEDY, ALEX, US
[72] TANK, HOLGER, US
[72] LI, MEI, US
[71] DOW AGROSCIENCES LLC, US
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[51] **Int.Cl. B60H 1/00 (2006.01) B60H 1/34 (2006.01)**
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[54] **CLIMATISEUR DE VEHICULE**
[72] YAMAMOTO, MASAKAZU, JP
[72] YONEKAWA, RYOSUKE, JP
[71] DENSO CORPORATION, JP
[85] 2015-02-27
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[54] **MULTI-FUNCTIONAL COMPOSITIONS AND METHODS OF USE**
[54] **COMPOSITIONS MULTIFONCTIONNELLES ET LEURS PROCEDES D'UTILISATION**
[72] RIDDLE, JUSTIN A., US
[72] HOBBS, TERRY R., US
[72] LU, DAVID D., US
[72] D'SOUZA, ANDREW S., US
[72] JING, NAIYONG, US
[72] GARDNER, JAMES P., JR., US
[72] ZHANG, YIFAN, US
[72] MALMBERG, ZACHARY J., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[54] **MOTOR PUMP BEARING**
[54] **PALIER DE MOTO-POMPE**
[72] LEBKUCHNER, BENNO, US
[72] KUSTER, HANS L., US
[71] AQUAMOTION, INC., US
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[25] EN
[54] **COMBINED COMBUSTION DEVICE**
[54] **DISPOSITIF DE COMBUSTION COMBINE**
[72] OKAMOTO, HIDEO, JP
[71] RINNAI CORPORATION, JP
[85] 2015-02-27
[86] 2013-07-22 (PCT/JP2013/069765)
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[25] EN
[54] **IMAGING SYSTEM AND METHODS DISPLAYING A FUSED MULTIDIMENSIONAL RECONSTRUCTED IMAGE**
[54] **SYSTEME D'IMAGERIE ET PROCEDES AFFICHANT UNE IMAGE RECONSTITUEE MULTIDIMENSIONNELLE ET FUSIONNEE**
[72] TRIPATHI, ASHOK BURTON, US
[72] POLCHIN, GEORGE CHARLES, US
[72] NG, YEN TING, US
[71] TRUEVISION SYSTEMS, INC., US
[85] 2015-02-27
[86] 2013-08-30 (PCT/US2013/057686)
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[30] US (61/695,230) 2012-08-30

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[51] **Int.Cl. C12Q 1/68 (2006.01) C12N 15/09 (2006.01)**
[25] EN
[54] **METHOD FOR DETECTING TARGET NUCLEIC ACID**
[54] **PROCEDE DE DETECTION D'UN ACIDE NUCLEIQUE CIBLE**
[72] HIRANO, TAISUKE, JP
[72] NAKAMURA, FUMIO, JP
[72] UEDA, YOJI, JP
[72] FUJIMOTO, KENZO, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2015-02-27
[86] 2013-08-29 (PCT/JP2013/073083)
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[25] EN
[54] **METHOD FOR PRODUCING HEN EGG, HEN EGG, AND FEED FOR POULTRY**
[54] **PROCEDE DE PRODUCTION D'UN OEUF DE POULE, OEUF DE POULE ET ALIMENT POUR VOLAILLE**
[72] MITARAI, KAORU, JP
[71] MEISHO. CO., LTD., JP
[85] 2015-02-26
[86] 2012-08-24 (PCT/JP2012/071470)
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[54] **MULTI-CHAIN CHIMERIC ANTIGEN RECEPTOR AND USES THEREOF**
[54] **RECEPTEUR D'ANTIGENE CHIMERIQUE MULTICATENAIRE ET UTILISATIONS DE CELUI-CI**
[72] SMITH, JULIANNE, FR
[72] SCHARENBERG, ANDREW, US
[72] MANNIOUI, CECILE, FR
[72] EYQUEM, JUSTIN, FR
[71] CELLECTIS, FR
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[30] US (61/696,612) 2012-09-04
[30] US (13/892,805) 2013-05-13
[30] US (PCT/US2013/40755) 2013-05-13
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[25] EN
[54] **CATALYST FOR PRODUCING HYDROGEN AND METHOD FOR PRODUCING HYDROGEN**
[54] **CATALYSEUR DE GENERATION D'HYDROGENE ET PROCEDE DE PRODUCTION D'HYDROGENE**
[72] HOSONO, HIDEO, JP
[72] HAYASHI, FUMITAKA, JP
[72] YOKOYAMA, TOSHIHARU, JP
[72] TODA, YOSHITAKE, JP
[72] HARA, MICHIKAZU, JP
[72] KITANO, MASAAKI, JP
[71] TOKYO INSTITUTE OF TECHNOLOGY, JP
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[54] **POOL CLEANER GENERATOR MODULE WITH MAGNETIC COUPLING**
[54] **MODULE DE GENERATEUR DE NETTOYEUR DE PISCINE A COUPLAGE MAGNETIQUE**
[72] DEERY, BRIAN, US
[72] GOPALAN, SURESH C., US
[71] PENTAIR WATER POOL AND SPA, INC., US
[85] 2015-02-27
[86] 2013-09-04 (PCT/US2013/058089)
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[54] **BRAIN FUNCTION EVALUATION SYSTEM AND BRAIN FUNCTION EVALUATION METHOD**
[54] **SYSTEME ET PROCEDE D'EVALUATION DE LA FONCTION CEREBRALE**
[72] ISHIKAWA, KINYA, JP
[72] MIZUSAWA, HIDEHIRO, JP
[72] NAGAO, SOICHI, JP
[72] HONDA, TAKERU, JP
[72] HASHIMOTO, YUJI, JP
[71] NATIONAL UNIVERSITY CORPORATION TOKYO MEDICAL AND DENTAL UNIVERSITY, JP
[71] RIKEN, JP
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[54] **METHOD FOR MANUFACTURING CATALYST FOR CARBON NANOTUBE SYNTHESIS**
[54] **PROCEDE DE FABRICATION D'UN CATALYSEUR POUR LA SYNTHESE DE NANOTUBE DE CARBONE**
[72] UEDA, SHUNSUKE, JP
[72] HABA, EISUKE, JP
[71] HITACHI CHEMICAL COMPANY, LTD., JP
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[54] **SYSTEME DE NAVIGATION COMPRENANT DES CAPTEURS OPTIQUES ET NON OPTIQUES**
[72] WU, CHUNWU, US
[71] STRYKER CORPORATION, US
[85] 2015-02-27
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[54] **PARTING PORTION STRUCTURE FOR VEHICLE**
[54] **STRUCTURE DE SECTION DE BORDURE D'UN VEHICULE**
[72] IWANO, YOSHIHIRO, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
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[54] **PRESSURE VESSEL AND PRODUCTION METHOD THEREOF**
[54] **RECIPIENT SOUS PRESSION ET SON PROCEDE DE PRODUCTION**
[72] KOJIMA, MAKOTO, JP
[72] HIOKI, KENTARO, JP
[72] INAGI, SHUSUKE, JP
[72] OKUMURA, RYOSUKE, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
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[54] **CHIMERIC POLYPEPTIDES HAVING TARGETED BINDING SPECIFICITY**
[54] **POLYPEPTIDES CHIMERIQUES AYANT UNE SPECIFICITE DE LIAISON CIBLEE**
[72] BARBAS, CARLOS F., III, US
[72] MERCER, ANDREW, US
[72] LAMB, BRIAN M., US
[72] GAJ, THOMAS, US
[71] THE SCRIPPS RESEARCH INSTITUTE, US
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[54] **DRUM SPUTTERING DEVICE**
[54] **DISPOSITIF DE PULVERISATION A TAMBOUR**
[72] UEDA, SHUNSUKE, JP
[72] HABA, EISUKE, JP
[71] HITACHI CHEMICAL COMPANY, LTD., JP
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[54] **PROCESS FOR MAKING THIENOPYRIMIDINE COMPOUNDS**
[54] **PROCEDE DE PREPARATION DE COMPOSES DE THIENOPYRIMIDINE**
[72] BABU, SRINIVASAN, US
[72] CHENG, ZHIGANG, US
[72] GOSSELIN, FRANCIS, US
[72] HIDBER, PIRMIN, CH
[72] HOFFMANN, URSULA, CH
[72] HUMPHRIES, THERESA, US
[72] REENTS, REINHARD, CH
[72] TIAN, QINGPING, US
[72] YAJIMA, HERBERT, US
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[54] **COUPLING DEVICE FOR RELEASABLE COUPLING OF OBJECTS**
[54] **DISPOSITIF DE COUPLAGE POUR COUPLAGE DETACHABLE D'OBJETS**
[72] BERLANG, PETER, NL
[72] HIRA, RAJESHKOEMAR, NL
[71] HIBE HOLDING B.V., NL
[85] 2015-02-27
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[54] **HEAT EXCHANGER TYPE REACTION TUBE**
[54] **TUBE REACTIONNEL DE TYPE ECHANGEUR DE CHALEUR**
[72] NODA, SUGURU, JP
[72] KIM, DONG YOUNG, JP
[72] KON, YUSUKE, JP
[72] CHEN, ZHONGMING, JP
[72] HABA, EISUKE, JP
[72] UEDA, SHUNSUKE, JP
[71] HITACHI CHEMICAL COMPANY, LTD., JP
[71] THE UNIVERSITY OF TOKYO, JP
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[54] **METHOD AND APPARATUS FOR TAKING SLURRY SAMPLES FROM A CONTINUOUS GRAVITY PROCESS FLOW, AND USE OF APPARATUS**
[54] **PROCEDE ET APPAREIL DE PRELEVEMENT D'ECHANTILLONS DE BOUE A PARTIR D'UN FLUX DE TRAITEMENT PAR GRAVITE CONTINU, ET UTILISATION DE L'APPAREIL**
[72] KORPELA, TAPIO, FI
[72] VON ALFTHAN, CHRISTIAN, FI
[71] OUTOTEC (FINLAND) OY, FI
[85] 2015-03-02
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[54] **HYDROCONVERSION MULTI-METALLIC CATALYSTS AND METHOD FOR MAKING THEREOF**
[54] **CATALYSEUR MULTIMETALLIQUE D'HYDROCONVERSION ET PROCEDE POUR LE PREPARER**
[72] HAN, JINYI, US
[72] KUPERMAN, ALEXANDER E., US
[72] MAESEN, THEODORUS LUDOVICUS MICHAEL, US
[72] TREVINO, HORACIO, US
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[54] **A RETORT AND CORRESPONDING OVEN WITH DUCTWORK**
[54] **AUTOCLAVE ET FOUR CORRESPONDANT AYANT UN SYSTEME DE GAINES**
[72] SIEMONS, ROLAND, NL
[72] BAAIJENS, LOUWERENS, NL
[71] CLEAN FUELS B.V., NL
[85] 2015-02-27
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[25] EN
[54] **UPPER-ARM COMPUTER POINTING APPARATUS**
[54] **DISPOSITIF DE POINTAGE INFORMATIQUE DE BRAS**
[72] KATZ, ARYEH HAIM, IL
[72] BERGER KATZ, MIRI, IL
[71] KATZ, ARYEH HAIM, IL
[71] BERGER KATZ, MIRI, IL
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[25] EN
[54] **INFORMATION MANAGEMENT SYSTEMS AND METHODS USING A BIOLOGICAL SIGNATURE**
[54] **SYSTEMES DE GESTION D'INFORMATIONS ET PROCEDES FAISANT APPEL A UNE SIGNATURE BIOLOGIQUE**
[72] HOLMES, ELIZABETH A., US
[71] THERANOS, INC., US
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[54] **SYSTEM AND METHOD FOR ANALYZING DOWNHOLE DRILLING PARAMETERS USING AN OPTO-ANALYTICAL DEVICE**
[54] **SYSTEME ET PROCEDE POUR ANALYSER DES PARAMETRES DE FORAGE DE FOND DE TROU AU MOYEN D'UN DISPOSITIF OPTO-ANALYTIQUE**
[72] PELLETIER, MICHAEL T., US
[72] FREESE, ROBERT P., US
[72] WEAVER, GARY E., US
[72] CHEN, SHILIN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **METHOD FOR PRODUCING BAINITIC RAIL STEELS, TRACK ELEMENT AND INSTALLATION FOR CARRYING OUT THE METHOD**
[54] **PROCEDE DE FABRICATION D'ACIERS BAINITIQUES POUR RAIL, PARTIE DE VOIE ET DISPOSITIF PERMETTANT DE METTRE EN □UVRE LE PROCEDE**
[72] POINTNER, PETER, AT
[72] FRANK, NORBERT, AT
[71] VOESTALPINE SCHIENEN GMBH, AT
[85] 2015-03-02
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[54] **DISPOSITIF D'ARROSAGE INCORPORANT UNE SOURCE LUMINEUSE**
[72] ONYEKA, GEORGE, GB
[71] ONYEKA, GEORGE, GB
[85] 2015-03-02
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[54] **SYSTEM AND METHOD FOR MEASURING TEMPERATURE USING AN OPTO-ANALYTICAL DEVICE**
[54] **SYSTEME ET PROCEDE POUR MESURER LA TEMPERATURE AU MOYEN D'UN DISPOSITIF OPTO-ANALYTIQUE**
[72] PELLETIER, MICHAEL T., US
[72] FREESE, ROBERT P., US
[72] WEAVER, GARY E., US
[72] CHEN, SHILIN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **DISPOSITIF DISTRIBUTEUR DE MATIERE FONDUE**
[72] BLAIS, PAUL R., US
[72] PLUMPTON, JAMES OSBORNE, US
[72] ESSER, BRIAN, US
[71] HUSKY INJECTION HOLDING SYSTEMS LTD., CA
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[54] **FEUILLES DE GRAPHENE ET LEURS PROCEDES DE FABRICATION**
[72] RIEKEN, WILLIAM, SG
[71] TRUE 2 MATERIALS PTE LTD, SG
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[54] **ALARM SYSTEM FOR ROLLING SHUTTERS**
[54] **SYSTEME D'ALARME POUR VOLETS ROULANTS**
[72] HANUKA, BENNY, IL
[71] B.M.S. INVESTMENT GROUP (H.A.S.) LTD., IL
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[25] EN
[54] **SYSTEM AND METHOD FOR DETECTING VIBRATIONS USING AN OPTO-ANALYTICAL DEVICE**
[54] **SYSTEME ET PROCEDE POUR DETECTER DES VIBRATIONS AU MOYEN D'UN DISPOSITIF OPTO-ANALYTIQUE**
[72] PELLETIER, MICHAEL T., US
[72] FREESE, ROBERT P., US
[72] WEAVER, GARY E., US
[72] CHEN, SHILIN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **SOLE STRUCTURES AND ARTICLES OF FOOTWEAR HAVING PLATE MODERATED FLUID-FILLED BLADDERS AND/OR FOAM TYPE IMPACT FORCE ATTENUATION MEMBERS**
[54] **STRUCTURES DE SEMELLE ET ARTICLES CHAUSSANTS DOTES D'ELEMENTS D'ATTENUATION DE LA FORCE DE CHOC EN MOUSSE ET/OU DE VESSIES REMPLIES DE FLUIDE MODERES PAR UNE OU PLUSIEURS PLAQUES**
[72] BRUCE, ROBERT M., US
[72] HEARD, JOSHUA P., US
[72] KOHATSU, SHANE S., US
[72] NURSE, MATTHEW A., US
[71] NIKE INNOVATE C.V., US
[85] 2015-02-27
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[54] **STABLE PEPTIDE-BASED FURIN INHIBITORS**
[54] **INHIBITEURS DE FURINE STABLES A BASE DE PEPTIDE**
[72] DAY, ROBERT, CA
[72] NEUGEBAUER, WITOLD A., CA
[72] DORY, YVES L., CA
[71] SOCPRA SCIENCES SANTE ET HUMAINES S.E.C., CA
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[54] **MODULE D'ACTIONNEUR ELECTRIQUE DESTINE A UN EMBRAYAGE POUVANT ETRE SELECTIONNE**
[72] GREENE, DARRELL, CA
[72] CIOC, ADRIAN, CA
[71] MAGNA POWERTRAIN OF AMERICA, INC., US
[85] 2015-03-02
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[54] **OLIGOMERIC AND POLYMERIC ELECTRONICALLY-MODIFIED BORONIC ACIDS AND METHODS OF USING THE SAME**
[54] **ACIDES BORONIQUES OLIGOMERES ET POLYMERES ELECTRONIQUEMENT MODIFIES ET LEURS PROCEDES D'UTILISATION**
[72] OGLE, JAMES WILLIAM, US
[72] HOLTSCLAW, JEREMY, US
[72] LOVELESS, DAVID, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-02-26
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[54] **INHIBITORS OF SYK**
[54] **INHIBITEURS DE SYK**
[72] BHAGIRATH, NIALA, US
[72] KENNEDY-SMITH, JOSHUA, US
[72] LE, NAM T., US
[72] LUCAS, MATTHEW C., US
[72] PADILLA, FERNANDO, US
[72] SOTH, MICHAEL, US
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[54] **NOVEL PHENYLACETAMIDE COMPOUND AND PHARMACEUTICAL CONTAINING SAME**
[54] **NOUVEAU COMPOSE PHENYLACETAMIDE ET PRODUIT PHARMACEUTIQUE LE CONTENANT**
[72] OGAMINO, TAKAHISA, JP
[72] TANIKAWA, SHIN, JP
[72] MIYAKE, YOSHIHARU, JP
[72] ITOH, SHINSUKE, JP
[72] SAWADA, YOSHIKAZU, JP
[71] KOWA COMPANY, LTD., JP
[85] 2015-03-02
[86] 2013-09-25 (PCT/JP2013/005657)
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[54] **CLOU CENTROMEDULLAIRE RECONSTRUCTEUR A SEGMENTS ET SYSTEME DE POSE**
[72] GROSS, MICHAEL, CA
[71] IMPETUS INNOVATIONS, INC., CA
[85] 2015-03-02
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[54] **ELECTRIC ROASTER AND SMOKER**
[54] **FUMOIR ET FOUR A GRILLER ELECTRIQUE**
[72] AHMED, MALLIK, US
[71] W.C. BRADLEY CO., US
[85] 2015-02-26
[86] 2013-11-05 (PCT/US2013/068524)
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[30] US (61/726,703) 2012-11-15
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[25] FR
[54] **FERRITIC STAINLESS STEEL SHEET, METHOD FOR THE PRODUCTION THEREOF, AND USE OF SAME, ESPECIALLY IN EXHAUST LINES**
[54] **TOLE D'ACIER INOXYDABLE FERRITIQUE, SON PROCEDE DE FABRICATION, ET SON UTILISATION, NOTAMMENT DANS DES LIGNES D'ECHAPPEMENT**
[72] SANTACREU, PIERRE-OLIVIER, FR
[72] MIRAVAL, CLAUDINE, FR
[72] SAEDLOU, SAGHI, FR
[71] APERAM STAINLESS FRANCE, FR
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[25] EN
[54] **RAPID FORMATION OF CHITOSAN SPONGES USING GUANOSINE 5'-DIPHOSPHATE: INJECTABLE SCAFFOLDS FOR TISSUE REGENERATION AND DRUG DELIVERY**
[54] **FORMATION RAPIDE D'EPONGES DE CHITOSANE UTILISANT DES ECHAFAUDAGES INJECTABLES DE GUANOSINE 5' - DIPHOSPHATE POUR LA REGENERATION DE TISSU ET L'ADMINISTRATION DE MEDICAMENT**
[72] MEKHAIL, MINA, CA
[72] ALMAZAN, GUILLERMINA, CA
[72] TABRIZIAN, MARYAM, CA
[71] THE ROYAL INSTITUTION FOR THE ADVANCEMENT OF LEARNING/MCGILL UNIVERSITY, CA
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[54] **METHOD, COMPUTER PROGRAM, AND COMPUTER PROGRAM PRODUCT FOR CONTROLLING THE MILKING BY A MILKING DEVICE, AND A MILKING ARRANGEMENT**
[54] **PROCEDE, PROGRAMME INFORMATIQUE ET PRODUIT PROGRAMME D'ORDINATEUR DE COMMANDE DE LA TRAITE PAR UN DISPOSITIF DE TRAITE ET AGENCEMENT DE TRAITE**
[72] BAHLENBERG, PETER, SE
[71] DELAVAL HOLDING AB, SE
[85] 2015-03-02
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[54] **MOUNTING SYSTEM FOR PHOTOVOLTAIC ARRAYS**
[54] **SYSTEME DE MONTAGE POUR RESEAUX PHOTOVOLTAIQUES**
[72] TOMLINSON, JOSEPH, US
[71] RTERRA HOLDINGS, LLC, US
[85] 2015-03-02
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[25] EN
[54] **WELL TOOLS HAVING ENERGIZED SEALS**
[54] **OUTILS DE PUITS COMPORTANT DES JOINTS D'ETANCHEITE ACTIVES**
[72] SHERRILL, KRISTOPHER V., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **IMIDAZOLINE DERIVATIVES, PREPARATION METHODS THEREOF, AND THEIR APPLICATIONS IN MEDICINE**
[54] **DERIVES D'IMIDAZOLINE, LEURS PROCEDES DE PREPARATION ET LEURS APPLICATIONS EN MEDECINE**
[72] LU, HEJUN, CN
[72] SUN, PIAOYANG, CN
[72] FEI, HONGBO, CN
[72] JIANG, HONGJIAN, CN
[72] WANG, HAOWEI, CN
[72] DONG, QING, CN
[71] SHANGHAI HENGRUI PHARMACEUTICAL CO., LTD., CN
[71] JIANGSU HENGRUI MEDICINE CO., LTD., CN
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[25] EN
[54] **APPARATUS AND METHOD FOR TREATING BIOLOGICAL TISSUE USING A LOW-PRESSURE PLASMA**
[54] **DISPOSITIF ET PROCEDE DE TRAITEMENT D'UN TISSU BIOLOGIQUE AU MOYEN D'UN PLASMA BASSE PRESSION**
[72] SRB, JOSEF, CZ
[72] KOROUS, JOSEF, CZ
[72] HINTERKOPF, JAN, DE
[71] NORTHCO VENTURES GMBH & CO. KG, DE
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[25] EN
[54] **TARGETED PERFORMANCE OF HYPOHALITE COMPOSITIONS, METHODS AND SYSTEMS THEREOF**
[54] **PERFORMANCE CIBLEE DE COMPOSITIONS D'HYPOHALITE, PROCEDES ET SYSTEMES ASSOCIES**
[72] GARNER, DEWAIN, US
[72] SMITH, WILLIAM L., US
[72] HEYMANN, JARED, US
[71] THE CLOROX COMPANY, US
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[51] **Int.Cl. A61C 1/08 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **AN IMPROVED SURGICAL TEMPLATE**
[54] **GABARIT CHIRURGICAL AMELIORE**
[72] WOUTERS, VEERLE, BE
[72] MOLLEMANS, WOUTER, BE
[72] SCHUTYSER, FILIP, BE
[72] KUNZ, PASCAL, CH
[71] NOBEL BIOCARE SERVICES AG, CH
[85] 2015-03-02
[86] 2013-08-26 (PCT/EP2013/002555)
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[51] **Int.Cl. H01R 13/64 (2006.01) H01R 13/639 (2006.01)**
[25] EN
[54] **KEYWAY VISUAL ALIGNMENT FEATURE**
[54] **ELEMENT D'ALIGNEMENT VISUEL DE RAINURE DE CLAVETTE**
[72] LEDGERWOOD, ADAM D., US
[72] ALDRICH, ALVAH, US
[72] OLIVER, JASON, US
[71] COOPER TECHNOLOGIES COMPANY, US
[85] 2015-03-02
[86] 2013-03-14 (PCT/US2013/031235)
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[25] EN
[54] **AN IMPROVED VIRTUAL SPLINT**
[54] **ATTELLE VIRTUELLE AMELIOREE**
[72] WOUTERS, VEERLE, BE
[72] MOLLEMANS, WOUTER, BE
[72] SCHUTYSER, FILIP, BE
[72] KUNZ, PASCAL, CH
[71] NOBEL BIOCARE SERVICES AG, CH
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[25] EN
[54] **RFID TAG AND BLOOD CONTAINER/SYSTEM WITH INTEGRATED RFID TAG**
[54] **ETIQUETTE RFID ET RECIPIENT DE PRODUIT SANGUIN/SYSTEME SANGUIN A ETIQUETTE RFID INTEGREE**
[72] LARSON, CHRISTINE, US
[72] BLICKHAN, BRYAN, US
[72] CALDERON, CARLOS, US
[72] LYNN, DANIEL, US
[72] OZBAG, SENAN, US
[72] WATTS, W. TIMOTHY, US
[72] CALHOUN, DARYL R., US
[71] GRIFOLS WORLDWIDE OPERATIONS LIMITED, IE
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[51] **Int.Cl. E02F 3/60 (2006.01)**
[25] EN
[54] **BUCKET FOR CABLE SHOVEL**
[54] **AUGE POUR PELLETEUSE A CABLES**
[72] BRISCOE, TERRY L., US
[72] OLLINGER, CHARLES G., IV, US
[72] STROM, JOSHUA L., US
[71] ESCO CORPORATION, US
[85] 2015-03-02
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[51] **Int.Cl. A01N 57/20 (2006.01) A01N 37/40 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR IMPROVING THE COMPATIBILITY OF WATER SOLUBLE HERBICIDE SALTS**
[54] **COMPOSITIONS ET PROCEDES POUR AMELIORER LA COMPATIBILITE DE SELS HERBICIDES HYDROSOLUBLES**
[72] ALEXANDER, MARK, US
[72] AUSTIN, ANNE, US
[72] KENNEDY, ALEX, US
[72] LIU, LEI, US
[72] RODRIGUES, KLIN A., US
[72] TANK, HOLGER, US
[71] DOW AGROSCIENCES LLC, US
[71] AKZO NOBEL SURFACE CHEMISTRY LLC, US
[85] 2015-03-02
[86] 2013-08-30 (PCT/US2013/057490)
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[25] EN
[54] **METHOD FOR THE PRODUCTION OF A SELF-LUMINOUS BODY, AND SELF-LUMINOUS BODY**
[54] **PROCEDE DE FABRICATION D'UN ELEMENT AUTOLUMINEUX ET ELEMENT AUTOLUMINEUX**
[72] KIND, HANNES, CH
[72] SCHNEIDER, SANDRO M.O.L., CH
[71] MB-MICROTEC AG, CH
[85] 2015-03-02
[86] 2013-08-28 (PCT/EP2013/067776)
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[30] AT (A 938/2012) 2012-08-28
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[51] **Int.Cl. C09K 8/36 (2006.01)**
[25] EN
[54] **SALT-FREE INVERT EMULSION DRILLING FLUIDS AND METHODS OF DRILLING BOREHOLES**
[54] **FLUIDES DE FORAGE SOUS FORME D'EMULSION INVERSE, EXEMPTS DE SEL, ET PROCEDES DE FORAGE DE TROUS DE FORAGE**
[72] WAGLE, VIKRANT BHAVANISHANKAR, IN
[72] KULKARNI, DHANASHREE GAJANAN, IN
[72] MAGHRABI, SHADAAB SYED, IN
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-03-02
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[54] **PROTECTIVE ANTI-ETEC ANTIBODY**
[54] **ANTICORPS PROTEGEANT CONTRE L'ETEC**
[72] DE PICKER, ANN, BE
[72] DE GREVE, HENRI, BE
[72] VIRDI, VIKRAM, BE
[71] VIB VZW, BE
[71] UNIVERSITEIT GENT, BE
[71] VRIJE UNIVERSITEIT BRUSSEL, BE
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[25] EN
[54] **METHODS OF TISSUE GENERATION**
[54] **PROCEDES DE GENERATION DE TISSU**
[72] BHATIA, MOHIT B., US
[72] HARIRI, ROBERT J., US
[72] HOFGARTNER, WOLFGANG, US
[72] WANG, JIA-LUN, US
[72] YE, QIAN, US
[71] ANTHROGENESIS CORPORATION, US
[85] 2015-03-02
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[25] EN
[54] **DRAGLINE RIGGING COMPONENTS**
[54] **COMPOSANTS DE CABLAGE DE PELLE A BENNE TRAINANTE**
[72] ATTWOOD, REECE, AU
[71] BRADKEN RESOURCES PTY LIMITED, AU
[85] 2015-02-27
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[25] EN
[54] **TARGET PEPTIDES FOR IMMUNOTHERAPY AND DIAGNOSTICS**
[54] **PEPTIDES CIBLES POUR L'IMMUNOTHERAPIE ET LE DIAGNOSTIC**
[72] HUNT, DONALD F., US
[72] SHABANOWITZ, JEFFREY, US
[72] MALAKER, STACY A., US
[72] ENGELHARD, VICTOR H., US
[72] ZARLING, ANGELA, US
[72] CUMMINGS, KARA L., US
[72] OBENG, REBECCA C., US
[72] COBBOLD, MARK, GB
[71] UNIVERSITY OF VIRGINIA PATENT FOUNDATION, US
[71] UNIVERSITY OF BIRMINGHAM, GB
[85] 2015-03-02
[86] 2013-09-03 (PCT/US2013/057856)
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[30] US (61/695,776) 2012-08-31
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[13] A1
[51] **Int.Cl. H05H 1/46 (2006.01) H01J 37/32 (2006.01)**
[25] FR
[54] **DEVICE FOR GENERATING PLASMA HAVING A HIGH RANGE ALONG AN AXIS BY ELECTRON CYCLOTRON RESONANCE (ECR) FROM A GASEOUS MEDIUM**
[54] **DISPOSITIF POUR GENERER UN PLASMA PRESENTANT UNE ETENDUE IMPORTANTE LE LONG D'UN AXE PAR RESONNANCE CYCLOTRONIQUE ELECTRONIQUE RCE A PARTIR D'UN MILIEU GAZEUX.**
[72] SCHMIDT, BEAT, FR
[72] HEAU, CHRISTOPHE, FR
[72] MAURIN-PERRIER, PHILIPPE, FR
[71] H.E.F., FR
[85] 2015-03-02
[86] 2013-09-04 (PCT/FR2013/052035)
[87] (WO2014/041280)
[30] FR (1258495) 2012-09-11

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[51] **Int.Cl. G06F 9/45 (2006.01) G06F 9/445 (2006.01)**
[25] EN
[54] **GENERATING NATIVE CODE FROM INTERMEDIATE LANGUAGE CODE FOR AN APPLICATION**
[54] **GENERATION DE CODE NATIF A PARTIR DE CODE EN LANGAGE INTERMEDIAIRE POUR UNE APPLICATION**
[72] TEJANI, SAMEER, US
[72] TRUFINESCU, ADINA M., US
[72] SHAABAN, YASSER, US
[72] GBADEGESIN, ABOLADE, US
[72] BABBAR, ASHISH, US
[72] TSAI, MEI-CHIN, US
[72] RAMASWAMY, SUBRAMANIAN, US
[72] FERNANDO, CASIMIR LAKSHAN, US
[71] MICROSOFT CORPORATION, US
[85] 2015-03-02
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[30] US (13/604,618) 2012-09-05

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[51] **Int.Cl. G01V 9/00 (2006.01) E21B 43/00 (2006.01) E21B 47/00 (2012.01)**
[25] EN
[54] **MODEL-DRIVEN SURVEILLANCE AND DIAGNOSTICS**
[54] **SURVEILLANCE ET DIAGNOSTICS PILOTES PAR DES MODELES**
[72] ROSSI, DAVID JOHN, GB
[72] TORRENS, RICHARD, GB
[72] ALI, ZAKI, GB
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2015-03-02
[86] 2013-09-04 (PCT/US2013/057901)
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[30] US (61/696,580) 2012-09-04
[30] US (14/016,420) 2013-09-03

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[51] **Int.Cl. B01J 23/78 (2006.01) B01J 35/10 (2006.01) B01J 37/03 (2006.01) B01J 37/04 (2006.01) B01J 37/08 (2006.01) B01J 37/16 (2006.01) C07C 29/145 (2006.01) C07C 29/17 (2006.01) C07C 31/125 (2006.01) C07B 61/00 (2006.01)**
[25] EN
[54] **COPPER-BASED CATALYST PRECURSOR, METHOD FOR MANUFACTURING SAME, AND HYDROGENATION METHOD**
[54] **PRECURSEUR DE CATALYSEUR A BASE DE CUIVRE, SON PROCEDE DE FABRICATION, ET PROCEDE D'HYDROGENATION**
[72] TSUJI, TOMOAKI, JP
[72] TABATA, KEIICHI, JP
[72] SUGAYA, TOSHIHIRO, JP
[72] NAKASHIMA, AKIO, JP
[71] KURARAY CO., LTD., JP
[71] SAKAI CHEMICAL INDUSTRY CO., LTD., JP
[85] 2015-03-02
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[87] (WO2014/034879)
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[25] EN
[54] **USE OF SUBSTITUTED 2-AMIDOBENZIMIDAZOLES, 2-AMIDOBENZOXAZOLES AND 2-AMIDOBENZOTHIAZOLES OR SALTS THEREOF AS ACTIVE SUBSTANCES AGAINST ABIOTIC PLANT STRESS**
[54] **UTILISATION DE 2-AMIDOBENZIMIDAZOLES, DE 2-AMIDOBENZOXAZOLES ET DE 2-AMIDOBENZOTHIAZOLES SUBSTITUES OU DE LEURS SELS COMME PRINCIPES ACTIFS CONTRE LE STRESS ABIOTIQUE DES PLANTES**
[72] FRACKENPOHL, JENS, DE
[72] HEINEMANN, INES, DE
[72] MULLER, THOMAS, DE
[72] DITTGEN, JAN, DE
[72] VON KOSKULL-DORING, PASCAL, DE
[72] SCHMUTZLER, DIRK, DE
[72] HILLS, MARTIN JEFFREY, DE
[71] BAYER CROPSCIENCE AG, DE
[85] 2015-03-02
[86] 2013-09-03 (PCT/EP2013/068167)
[87] (WO2014/037340)
[30] EP (12183149.9) 2012-09-05

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[13] A1
[51] **Int.Cl. C08G 18/48 (2006.01) C08J 9/04 (2006.01) C08L 75/04 (2006.01)**
[25] EN
[54] **RIGID FOAMS SUITABLE FOR WALL INSULATION**
[54] **MOUSSES RIGIDES APPROPRIEES POUR L'ISOLATION DES PAROIS**
[72] COMBS, GEORGE G., US
[72] PIGOTT, SUSAN C., US
[71] BAYER MATERIALSCIENCE LLC, US
[85] 2015-03-02
[86] 2013-09-04 (PCT/US2013/057939)
[87] (WO2014/039488)
[30] US (13/604,747) 2012-09-06

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[13] A1
[51] **Int.Cl. G06Q 50/22 (2012.01) A61B 5/00 (2006.01) G06F 17/30 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **COMPARISON OF USER EXPERIENCE WITH EXPERIENCE OF LARGER GROUP**
[54] **COMPARAISON D'UNE EXPERIENCE UTILISATEUR A UNE EXPERIENCE D'UN GROUPE PLUS GRAND**
[72] MACNAUGHT, HUGH, CA
[71] MACNAUGHT, HUGH, CA
[85] 2015-02-27
[86] 2013-09-06 (PCT/CA2013/050687)
[87] (WO2014/036653)
[30] US (61/698,069) 2012-09-07

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[51] **Int.Cl. C12N 9/14 (2006.01) C12N 5/078 (2010.01) C12N 5/0783 (2010.01) A61K 39/00 (2006.01) A61P 35/00 (2006.01) A61P 35/04 (2006.01) C12Q 1/68 (2006.01) G01N 33/48 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **CANCER DIAGNOSTIC AND THERAPEUTIC METHOD TARGETING MOLECULES EXPRESSED IN CANCER STEM CELLS**
[54] **METHODE DE DIAGNOSTIC ET THERAPEUTIQUE DU CANCER CIBLANT DES MOLECULES EXPRIMEES DANS DES CELLULES SOUCHES CANCEREUSES**
[72] KAGAMU, HIROSHI, JP
[72] NARITA, ICHIEI, JP
[72] GOTO, YOSHIHIRO, JP
[72] HAYASHI, TAKASHI, JP
[71] NIIGATA UNIVERSITY, JP
[71] OTSUKA PHARMACEUTICAL CO., LTD., JP
[85] 2015-03-02
[86] 2013-09-03 (PCT/JP2013/074172)
[87] (WO2014/038682)
[30] JP (2012-193757) 2012-09-04

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[51] **Int.Cl. A01N 43/12 (2006.01) C07D 307/80 (2006.01) C07D 307/81 (2006.01)**
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[54] **USE OF SUBSTITUTED 2,3-DIHYDRO-1-BENZOFURAN-4-CARBOXYLIC ACIDS OR SALTS THEREOF AS ACTIVE SUBSTANCES AGAINST ABIOTIC PLANT STRESS**
[54] **UTILISATION D'ACIDE 2,3-DIHYDRO-1-BENZOFURANE-4-CARBOXYLIQUE SUBSTITUE OU DE SES SELS COMME PRINCIPES ACTIFS CONTRE LE STRESS ABIOTIQUE DES PLANTES**
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[72] ZEISS, HANS-JOACHIM, DE
[72] VON KOSKULL-DORING, PASCAL, DE
[72] HEINEMANN, INES, DE
[72] ROSINGER, CHRISTOPHER HUGH, DE
[72] HILLS, MARTIN JEFFREY, DE
[72] DITTGEN, JAN, DE
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[54] **MATERIAU DE FRICTION MICROPOREUX PRESENTANT UN FAIBLE COEFFICIENT D'USURE ET UN COEFFICIENT DE STABILITE ELEVE, ET SON PROCEDE DE PRODUCTION**
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[71] SHANGHAI RENPHEN COMPOSITE MARERIALS CO., LTD, CN
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[54] **DISPOSITIF ET PROCEDE DE CODAGE D'IMAGE**
[72] NAKAGAMI, OHJI, JP
[71] SONY CORPORATION, JP
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[54] **UNITE DE SURVEILLANCE DE LIGNE D'ELECTRODE**
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[72] STOTT, TIMOTHY JAMES, GB
[71] ALSTOM TECHNOLOGY LTD, CH
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[54] **PROCEDE PERMETTANT DE PRODUIRE UN MATERIAU COMPOSITE DE BATTERIE ET SON PRECURSEUR**
[72] LEE, WENCHAO, CN
[72] LIN, HSIANGPIN, CN
[72] HSIEH, HANWEI, CN
[71] ADVANCED LITHIUM ELECTROCHEMISTRY CO., LTD., CN
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[54] **ELEMENT D'OUVERTURE POUR OUVRIR UNE AMPOULE DANS UN DISPOSITIF DE GENERATION D'AEROSOL COMPRENANT LEDIT ELEMENT D'OUVERTURE**
[72] GALLEM, THOMAS, DE
[72] HETZER, UWE, DE
[72] PHAM, STEPHEN, US
[72] QUINTANA, REYNALDO, US
[71] PARI PHARMA GMBH, DE
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[54] **PROCEDE ET SYSTEME DE SURVEILLANCE DE L'ETOURDISSEMENT AU GAZ D'OISEAUX**
[72] THULIN, PERNILLE, DK
[72] LYNGHOLM, MICHAEL, DK
[71] LINCO FOOD SYSTEMS A/S, DK
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[54] **SYSTEM AND METHOD FOR PRODUCING AN IN-SITU PUR FOAM**
[54] **SYSTEME ET PROCEDE PERMETTANT DE PRODUIRE UNE MOUSSE MOULEE IN SITU**
[72] SIMANCAS, KIMBERLY, DE
[72] VON BENTEN, REBEKKA, DE
[72] HAHNLE, HANS-JOACHIM, DE
[72] HAHN, KLAUS, DE
[72] NESTLE, NIKOLAUS, DE
[72] ULANOVA, TATIANA, DE
[72] ASSMANN, JENS, DE
[71] BASF SE, DE
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[54] **DISPOSITIF DE ROUE POUR UNE MACHINE A FLUX DE FLUIDE HYDRAULIQUE**
[72] SKARE, PER EGIL, NO
[71] DYNAVEC AS, NO
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[54] **APPARATUS AND PROCESS FOR APPLYING LABELS TO BOXES**
[54] **EQUIPEMENT ET PROCESSUS POUR APPLIQUER DES ETIQUETTES SUR DES BOITES**
[72] BECK, WOLFGANG, DE
[71] KRONOPLUS TECHNICAL AG, CH
[71] I-TECONSULT N.V., BE
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[72] MARK, BRIAN LEONARD, CA
[72] KASTEREN VAN, PUCK BERTYNE, NL
[72] JAMES, TERRENCE WILLIAM, CA
[72] SNIJDER, ERIC JOHN, NL
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[71] UNIVERSITY OF MANITOBA, CA
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[72] IVARSSON, MAGNUS, US
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[54] **SYSTEME ET PROCEDE POUR L'EVALUATION DU RISQUE ASSOCIE A UNE GLYCEMIE**
[72] DUKE, DAVID L., US
[72] SONI, ABHISHEK S., US
[71] F. HOFFMAN-LA ROCHE AG, CH
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[72] PEDERSEN, KURT, DK
[71] JASOPELS A/S, DK
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[54] **COMPOSITION DESTINEE AU TRAITEMENT DU PSORIASIS**
[72] MOLL LORCA, ANA, ES
[71] PSORIASIS+CREAMS SWEDEN AB, SE
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[54] **PROCESS, METHOD, AND SYSTEM FOR REMOVING HEAVY METALS FROM FLUIDS**
[54] **PROCESSUS, PROCEDE ET SYSTEME PERMETTANT D'ELIMINER DES METAUX LOURDS PRESENTS DANS DES FLUIDES**
[72] O'REAR, DENNIS JOHN, US
[72] COOPER, RUSSELL EVAN, US
[72] SHEU, FENG-RAN, US
[72] BELUE, JORDAN TAYLOR, US
[71] CHEVRON U.S.A. INC., US
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[54] **SYSTEM AND METHOD TO MONITOR POWERLINES**
[54] **SYSTEME ET PROCEDE DE SURVEILLANCE DE LIGNES ELECTRIQUES**
[72] VAN FLEET, STEVEN, US
[72] VON HERZEN, BRIAN, US
[71] MASTINC., US
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[54] **COMPOSITION PHARMACEUTIQUE DE TRAITEMENT D'INFECTIONS FONGIQUES**
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[72] ASHKAR, SAHAR FEIZOLLAHI, SE
[72] KAUFMANN, PETER, SE
[71] MOBERG PHARMA AB, SE
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[54] **MOUTH RINSES AND TOOTH SENSITIVITY TREATMENT COMPOSITIONS**
[54] **RINCE-BOUCHES ET COMPOSITIONS DE TRAITEMENT DE LA SENSIBILITE DES DENTS**
[72] SHARMA, DEEPAK, US
[72] MIFSUD, ROGER, US
[71] JOHNSON & JOHNSON CONSUMER COMPANIES, INC., US
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[54] **APPAREIL A EMBOUT D'ASPIRATION ANTI-OBSTRUCTION ET PROCEDES ASSOCIES**
[72] HENSLER, ROBERT SEAN, US
[72] PHILPOTT, THOMAS JAMES, US
[72] STARKEY, MICHAEL, US
[72] BIZZELL, DANIEL LEE, US
[72] PEREZ, JUAN CARLOS, US
[72] MCNEIL, RAESHON LAMONT, US
[72] MELIN, THOMAS ERIC, US
[72] BALLARD, KENNETH D., US
[71] H & M INNOVATIONS, LLC, US
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[54] **METHOD AND APPARATUS FOR COOLING PRETREATED BIOMASS PRIOR TO MIXING WITH ENZYMES**
[54] **PROCEDE ET APPAREIL DE REFROIDISSEMENT D'UNE BIOMASSE PRETRAITEE AVANT SON MELANGE AVEC DES ENZYMES**
[72] ROMERO, RODOLFO, US
[72] STROMBERG, BERTIL, US
[72] TURNER, ALLEN, US
[71] ANDRITZ INC., US
[85] 2015-03-02
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[54] **METHOD AND APPARATUS FOR COOLING PRETREATED BIOMASS PRIOR TO MIXING WITH ENZYMES**
[54] **PROCEDE ET APPAREIL DE REFROIDISSEMENT D'UNE BIOMASSE PRETRAITEE AVANT SON MELANGE AVEC DES ENZYMES**
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[72] STROMBERG, BERTIL, US
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[54] **ENSEMBLE DE PLOTS D'ELECTRODE**
[72] FREEMAN, JENNY E., US
[72] LALLI, MICHAEL, US
[72] BOCK, MALCOM G., US
[72] KLODD, ELIZABETH, US
[72] BRAYANOV, JORDAN, US
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[54] **ANTENNE A GAIN ELEVE PRESENTANT UNE FAIBLE PREFERENCE DIRECTIONNELLE**
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[54] **OTAMIXABAN DESTINE A ETRE UTILISE DANS LE TRAITEMENT DU SYNDROME CORONARIEN AIGU SANS SUS-DECALAGE DU SEGMENT ST CHEZ DES PATIENTS DEVANT SUBIR UN PONTAGE AORTO-CORONARIEN PAR GREFFE**
[72] GAUDIN, CHRISTOPHE, FR
[72] MORYUSEF, ANGELE, FR
[71] SANOFI, FR
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[54] **PROCEDES ET SYSTEMES POUR LA PRODUCTION DE PRODUITS DE FERMENTATION**
[72] BAZZANA, STEPHANE FRANCOIS, US
[72] BERNFELD, ADAM, US
[72] BURLEW, KEITH H., US
[72] CRONIN, JAMES TIMOTHY, US
[72] GRADY, MICHAEL CHARLES, US
[72] ROESCH, BRIAN MICHAEL, US
[72] ZAHER, JOSEPH J., US
[72] ZOLANDZ, RAYMOND RICHARD, US
[71] BUTAMAX ADVANCED BIOFUELS LLC, US
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[54] **CONTROLLED PRESSURE PULSER FOR COILED TUBING APPLICATIONS**
[54] **GENERATEUR D'IMPULSIONS DE PRESSION CONTROLEE POUR APPLICATIONS A DES TUBES SPIRALES**
[72] MACDONALD, ROBERT, US
[72] VECSERI, GABOR, US
[72] JENNINGS, BENJAMIN, US
[71] MACDONALD, ROBERT, US
[71] VECSERI, GABOR, US
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[54] **MECANISME DE CHARGEMENT PAR POUSSEE POUR DISPOSITIF DE LANCEMENT**
[72] KAN, GIL, US
[71] FACET TECHNOLOGIES, LLC, US
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[54] **BOLAAMPHIPHILIC COMPOUNDS, COMPOSITIONS AND USES THEREOF**
[54] **COMPOSES BOLAAMPHIPHILES, COMPOSITIONS ET LEURS UTILISATIONS**
[72] LINDER, CHARLES, US
[72] HELDMAN, ELIAHU, US
[72] GRINBERG, SARINA, US
[71] LAUREN SCIENCES LLC, US
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[54] **PROCEDE D'AMELIORATION DE LA FILTRATION DES DISPERSIONS AQUEUSES**
[72] BLUEMLE, MICHAEL J., US
[72] ANDERMANN, LAWRENCE J., US
[72] PELTIER, JEFFREY H., US
[71] SOLENIS TECHNOLOGIES CAYMAN, L.P., CH
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[54] **ACCOUPLEMENT POURVU D'UNE POCHE DE JOINT D'ETANCHEITE DE PROFONDEUR VARIABLE**
[72] CYGLER, FRANK J., US
[72] DOLE, DOUGLAS R., US
[72] BANCROFT, PHILIP W., US
[71] VICTAULIC COMPANY, US
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[54] **SLIDING CLOSURE AT THE SPOUT OF A CONTAINER CONTAINING A MOLTEN METAL, AND METHOD FOR SETTING CLOSURE PLATES IN THE SLIDING CLOSURE**
[54] **FERMETURE COULISSANTE EQUIPANT LE BEC VERSEUR D'UN RECIPIENT CONTENANT UN METAL EN FUSION AINSI QUE PROCEDE DE MISE EN PLACE DE PLAQUES DE FERMETURE DANS LA FERMETURE COULISSANTE**
[72] GISLER, REBECCA, CH
[72] COUSIN, JEAN-DANIEL, CH
[72] STEINER, BENNO, CH
[71] REFRACTORY INTELLECTUAL PROPERTY GMBH & CO. KG, AT
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[54] **CENTRAL SERVICES HUB FOR A TELECOMMUNICATIONS NETWORK**
[54] **CONCENTRATEUR DE SERVICES CENTRAL DESTINE A UN RESEAU DE TELECOMMUNICATIONS**
[72] TERPSTRA, RICHARD DEAN, US
[72] TSCHIRHART, DAVID ALLEN, US
[72] KARP, MATTHEW ABRAM, US
[72] OFFICER, MICHAEL JARED, US
[71] LEVEL 3 COMMUNICATIONS, LLC, US
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[25] EN
[54] **METHOD AND APPARATUS FOR MAPPING AND CHARACTERIZING SEA ICE FROM AIRBORNE SIMULTANEOUS DUAL FREQUENCY INTERFEROMETRIC SYNTHETIC APERTURE RADAR (IFSAR) MEASUREMENTS**
[54] **PROCEDE ET APPAREIL DE CARTOGRAPHIE ET DE CARACTERISATION DE GLACE DE MER A PARTIR DE MESURES AERIENNES SIMULTANEES A DOUBLE FREQUENCE PAR RADARS INTERFEROMETRIQUES A OUVERTURE SYNTHETIQUE (IFSAR)**
[72] REIS, JAMES, US
[72] SONNIER, CARL, US
[72] JONES, JOE, US
[72] SANFORD, MARK, US
[72] SAADE, EDWARD, US
[71] FUGRO EARTHDATA, INC., US
[85] 2015-02-27
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[30] US (61/696,626) 2012-09-04
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[54] **RECESSED LUMINAIRE**
[54] **LUMINAIRE ENCASTRE**
[72] GOULD, CARL, US
[72] NELSON, PETER K., US
[72] SORENSEN, CHRIS, US
[72] SLAUGHTER, CHRIS, US
[72] LEADFORD, KEVIN F., US
[71] ABL IP HOLDING LLC, US
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[54] **BOLAAMPHIPHILIC COMPOUNDS, COMPOSITIONS AND USES THEREOF**
[54] **COMPOSES BOLAAMPHIPHILES, COMPOSITIONS ET LEURS UTILISATIONS**
[72] LINDER, CHARLES, US
[72] HELDMAN, ELIAHU, US
[72] GRINBERG, SARINA, US
[71] LAUREN SCIENCES LLC, US
[85] 2015-03-02
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[54] **FORMULATIONS PHARMACOKINETICS OF DEUTERATED BENZOQUINOLINE INHIBITORS OF VESICULAR MONOAMINE TRANSPORTER 2**
[54] **PHARMACOCINETIQUES DE FORMULATIONS D'INHIBITEURS DE BENZOQUINOLINE DEUTERE DU TRANSPORTEUR 2 DE MONOAMINE VESICULAIRE**
[72] SOMMER, ANDREAS, US
[72] ZHANG, CHENGZHI, US
[72] CARTER, JOHN, US
[72] ARTHUR, JOHN, US
[72] BRADBURY, MARGARET, US
[72] GANT, THOMAS, US
[72] SHAHBAZ, MANOUCHEHR, US
[71] AUXPEX PHARMACEUTICALS, INC., US
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[54] **GSM/GPRS SYSTEM TO DETECT AND LOCATE HIGH IMPEDANCE FAULTS ON MEDIUM VOLTAGE DISTRIBUTION NETWORKS IN HIGH RESISTIVITY AREAS**
[54] **SYSTEME GSM/GPRS POUR DETECTER ET LOCALISER DES DEFAUTS A HAUTE IMPEDANCE SUR DES RESEAUX DE DISTRIBUTION MOYENNE TENSION DANS DES ZONES A HAUTE RESISTIVITE**
[72] AL-GHANNAM, SAMI H., SA
[72] KHAN, YASIN, SA
[71] SAUDI ARABIAN OIL COMAPNY, SA
[71] KING SAUD UNIVERSITY, SA
[85] 2015-02-27
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[54] **CONCEALED GRID CEILING SYSTEM**
[54] **SYSTEME DE PLAFOND A GRILLE DISSIMULEE**
[72] BERGMAN, TODD M., US
[72] TESTA, FRANCIS, US
[72] WATERS, JAMES R., US
[71] ARMSTRONG WORLD INDUSTRIES, INC., US
[85] 2015-03-02
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[54] **COMPOSITE TOOL HAVING VACUUM INTEGRITY AND METHOD OF MAKING THE SAME**
[54] **OUTIL COMPOSITE A INTEGRITE DE VIDE ET SON PROCEDE DE FABRICATION**
[72] THOMAS, CHARLES WILLIAM, US
[71] THE BOEING COMPANY, US
[85] 2015-03-02
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[25] EN
[54] **TOOLBAR DYNAMICS FOR DIGITAL WHITEBOARD**
[54] **DYNAMIQUE DE BARRES D'OUTILS POUR TABLEAU BLANC NUMERIQUE**
[72] MASON, STEVE, US
[71] HAWORTH, INC., US
[85] 2015-03-02
[86] 2013-09-04 (PCT/US2013/058030)
[87] (WO2014/039536)
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[54] **PRESSURISED FLUID FLOW SYSTEM HAVING MULTIPLE WORK CHAMBERS FOR A DOWN THE HOLE DRILL HAMMER AND NORMAL AND REVERSE CIRCULATION DOWN THE HOLE HAMMERS THEREOF**
[54] **SYSTEME D'ECOULEMENT DE FLUIDE SOUS PRESSION COMPRENANT PLUSIEURS CHAMBRES DE TRAVAIL POUR UN MARTEAU DE FOND DE TROU ET MARTEAUX DE FOND DE TROU A CIRCULATION NORMALE ET INVERSE DOTES DE CE SYSTEME**
[72] AROS, JAIME ANDRES, CL
[71] DRILLCO TOOLS S.A., CL
[85] 2015-03-02
[86] 2013-09-13 (PCT/CL2013/000065)
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[54] **METHODS AND APPARATUS FOR ESTIMATING A CONDITION OF A SEAL OF A ROTARY VALVE**
[54] **PROCEDES ET APPAREIL D'ESTIMATION D'ETAT D'UN JOINT D'UNE VANNE ROTATIVE**
[72] ANDERSON, SHAWN W., US
[72] GRABAU, TED DENNIS, US
[71] FISHER CONTROLS INTERNATIONAL LLC, US
[85] 2015-03-02
[86] 2013-09-19 (PCT/US2013/060638)
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[54] **A NOVEL LIVE ATTENUATED SHIGELLA VACCINE**
[54] **NOUVEAU VACCIN VIVANT ATTENUE ANTI-SHIGELLA**
[72] NAGY, GABOR, HU
[72] HENICS, TAMAS, AT
[72] SZIJARTO, VALERIA, AT
[72] NAGY, ESZTER, AT
[71] EVELIQURE BIOTECHNOLOGIES GMBH, AT
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[54] **REGION DYNAMICS FOR DIGITAL WHITEBOARD**
[54] **DYNAMIQUE DE REGIONS POUR TABLEAU BLANC NUMERIQUE**
[72] MASON, STEVE, US
[71] HAWORTH, INC., US
[85] 2015-03-02
[86] 2013-09-04 (PCT/US2013/058040)
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[30] US (61/697,248) 2012-09-05
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[54] **PARTICULATE WEIGHTING AGENTS COMPRISING REMOVABLE COATINGS AND METHODS OF USING THE SAME**
[54] **AGENTS DE PONDERATION PARTICULAIRES COMPRENANT DES REVETEMENTS AMOVIBLES ET SES PROCEDES D'UTILISATION**
[72] VILLARREAL, ALFREDO, US
[72] SHUMWAY, WILLIAM WALTER, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-03-02
[86] 2013-09-24 (PCT/US2013/061435)
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[54] **SYSTEM AND METHOD FOR DETERMINING SLEEP STAGE**
[54] **SYSTEME ET PROCEDE POUR DETERMINER UN STADE DU SOMMEIL**
[72] HENEGHAN, CONOR, US
[72] MCDARBY, GARETH, IE
[72] O'HARE, EMER, IE
[72] PHILLIPS, PAUL, GB
[72] MURRAY, TREVOR, IE
[71] RESMED SENSOR TECHNOLOGIES LIMITED, IE
[85] 2015-02-26
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[54] **JOINT ALIGNER IMPLANT**
[54] **DISPOSITIF D'ALIGNEMENT D'ARTICULATION**
[72] WAHL, REBECCA H., US
[72] LAWRENCE, BRUCE R., US
[71] SOLANA SURGICAL, LLC, US
[85] 2015-03-02
[86] 2014-01-15 (PCT/US2014/011705)
[87] (WO2014/120448)
[30] US (61/758,124) 2013-01-29
[30] US (13/836,979) 2013-03-15

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[25] EN
[54] **IP MPLS POP VIRTUALIZATION AND FAULT TOLERANT VIRTUAL ROUTER**
[54] **ROUTEUR VIRTUEL A VIRTUALISATION IP MPLS POP INSENSIBLE AUX DEFAILLANCES**
[72] CHUNG, TING WO, CA
[71] BCE INC., CA
[85] 2015-02-27
[86] 2013-08-30 (PCT/CA2013/000756)
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[54] **PHYSICAL SECURITY SYSTEM HAVING MULTIPLE SERVER NODES**
[54] **SYSTEME DE SECURITE PHYSIQUE COMPORTANT DE MULTIPLES NOEUDS SERVEURS**
[72] LEE, RYAN, CA
[72] MARLATT, SHAUN, CA
[72] ADAM, MATTHEW, CA
[72] WIGHTMAN, ROSS, CA
[72] MAGOLAN, GREG, CA
[72] MARTZ, ANDREW, CA
[71] AVIGILON CORPORATION, CA
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[86] 2013-09-06 (PCT/CA2013/050690)
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[54] **MOBILE COMMUNICATION SYSTEM, RADIO BASE STATION, AND MOBILE STATION**
[54] **SYSTEME DE COMMUNICATION MOBILE, STATION DE BASE RADIO ET STATION MOBILE**
[72] UCHINO, TOORU, JP
[72] TAKAHASHI, HIDEAKI, JP
[72] HAPSARI, WURI ANDARMAWANTI, JP
[71] NTT DOCOMO, INC., JP
[85] 2015-03-02
[86] 2013-08-19 (PCT/JP2013/072050)
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[54] **FOOD SURFACE BROWNING FOR MW APPLICATIONS**
[54] **BRUNISSEMENT DE SURFACE D'ALIMENTS POUR APPLICATIONS A MICRO-ONDES**
[72] CAVIN, SANDRINE, CH
[72] SHAMAILA, MAWELE, DE
[72] HALDEN, JONAS, US
[71] NESTEC S.A., CH
[85] 2015-03-02
[86] 2013-10-11 (PCT/EP2013/071248)
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[51] **Int.Cl. C10K 1/32 (2006.01) C10J 3/00 (2006.01)**
[25] EN
[54] **METHODS, SYSTEMS, AND DEVICES FOR SYNTHESIS GAS RECAPTURE**
[54] **PROCEDES, SYSTEMES ET DISPOSITIFS DE RECUPERATION DE GAZ DE SYNTHESE**
[72] WEAVER, SAMUEL C., US
[72] HENSLEY, DANIEL L., US
[72] WEAVER, SAMUEL P., US
[72] WEAVER, DANIEL C., US
[71] PROTON POWER, INC., US
[71] WEAVER, SAMUEL C., US
[71] HENSLEY, DANIEL L., US
[71] WEAVER, SAMUEL P., US
[71] WEAVER, DANIEL C., US
[85] 2015-02-27
[86] 2013-08-16 (PCT/US2013/055295)
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[54] **IDENTIFICATION TAGS AND THEIR MANUFACTURE**
[54] **ETIQUETTES D'IDENTIFICATION ET LEUR FABRICATION**
[72] BLADEN, ROY VICTOR, NZ
[72] GARDNER, MICHAEL STUART, NZ
[71] TAGAM LIMITED, NZ
[71] DATAMARS SA LIMITED, CH
[85] 2015-03-02
[86] 2013-09-04 (PCT/NZ2013/000156)
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[54] **DOSING REGIMEN OF SEDATIVE**
[54] **REGIME POSOLOGIQUE DE SEDATIF**
[72] KONDO, MAKI, JP
[72] KONOMI, TOSHIHIKO, JP
[72] SATO, SHIGEHITO, JP
[72] DOI, MATSUYUKI, JP
[71] PAION UK LIMITED, GB
[85] 2015-02-26
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[30] JP (2012-192081) 2012-08-31

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[51] **Int.Cl. G01V 1/00 (2006.01) G01V 1/28 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ANALYSIS OF DESIGNS OF A SEISMIC SURVEY**
[54] **SYSTEME ET PROCEDE PERMETTANT D'ANALYSER DES CONCEPTS DE RELEVES SISMIQUES**
[72] SCHULTZ, PHILIP STEPHEN, US
[72] JOHNSON, DANIEL PAUL, US
[71] CHEVRON U.S.A. INC., US
[85] 2015-03-02
[86] 2013-06-18 (PCT/US2013/046387)
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[54] **NEGATIVE ION-BASED NEUTRAL BEAM INJECTOR**
[54] **INJECTEUR DE FAISCEAU NEUTRE A BASE D'IONS NEGATIFS**
[72] BELCHENKO, YURI IVANOVICH, RU
[72] BURDAKOV, ALEXANDER VLADIMIROVICH, RU
[72] DAVYDENKO, VLADIMIR IVANOVICH, RU
[72] DIMOV, GENNADY IVANOVICH, RU
[72] IVANOV, ALEXANDER ALEXANDROVICH, RU
[72] KOBETS, VALEERY VASIL'EVICH, RU
[72] SMIRNOV, ARTEM NIKOLAEVICH, US
[72] BINDERBAUER, MICHL WERNER, US
[72] SEVIER, DONALD LEIGH, US
[72] RICHARDSON, TERRENCE EDWARD, US
[71] TRI ALPHA ENERGY, INC., US
[85] 2015-03-02
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[30] RU (2012137795) 2012-09-04
[30] US (61/775,444) 2013-03-08

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[51] **Int.Cl. G01V 1/28 (2006.01)**
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[54] **SYSTEM AND METHOD FOR DEDUCING CAVERN PROPERTIES**
[54] **SYSTEME ET PROCEDE DE DEDUCTION DE CARACTERISTIQUES DE CAVERNE**
[72] STEFANI, JOSEPH PAUL, US
[71] CHEVRON U.S.A. INC., US
[85] 2015-03-02
[86] 2013-07-31 (PCT/US2013/053026)
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[30] US (13/686,418) 2012-11-27

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[51] **Int.Cl. C12Q 1/68 (2006.01)**
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[54] **METHOD FOR SCREENING CANCER**
[54] **METHODE DE DEPISTAGE DU CANCER**
[72] LAI, HUNGCHENG, CN
[71] NATIONAL DEFENSE MEDICAL CENTER, CN
[85] 2015-02-27
[86] 2012-08-31 (PCT/CN2012/001211)
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[51] **Int.Cl. B01D 15/00 (2006.01) B01D 15/08 (2006.01) B01J 20/28 (2006.01)**
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[54] **HYDROPHILIC ACTIVATED SORBENT EXTRACTION DISK**
[54] **DISQUE D'EXTRACTION DE SORBANT ACTIVE HYDROPHILE**
[72] BOYD, JOSEPH M., US
[72] KIM, EDWARD J., US
[71] ENVIRONMENTAL EXPRESS, INC., US
[85] 2015-03-02
[86] 2013-08-07 (PCT/US2013/053952)
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[30] US (61/680,383) 2012-08-07

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[25] EN
[54] **TARGET PEPTIDES FOR COLORECTAL CANCER THERAPY AND DIAGNOSTICS**
[54] **PEPTIDES CIBLES POUR LA THERAPIE ET LES DIAGNOSTICS DU CANCER COLORECTAL**
[72] HUNT, DONALD F., US
[72] SHABANOWITZ, JEFFREY, US
[72] ABELIN, JENNIFER G., US
[72] COBBOLD, MARK, GB
[72] PENNY, SARAH AMY, GB
[71] UNIVERSITY OF VIRGINIA PATENT FOUNDATION, US
[71] THE UNIVERSITY OF BIRMINGHAM, GB
[85] 2015-03-02
[86] 2013-09-05 (PCT/US2013/058255)
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[30] US (61/697,274) 2012-09-05
[30] US (61/712,807) 2012-10-12
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[25] EN
[54] **FRICTION REDUCTION ASSEMBLY FOR A DOWNHOLE TUBULAR, AND METHOD OF REDUCING FRICTION**
[54] **ENSEMBLE DE REDUCTION DE FROTTEMENT POUR UN TUBAGE DE FOND, ET PROCEDE DE REDUCTION DE FROTTEMENT**
[72] MACKENZIE, GORDON R., US
[72] KELBIE, GRAEME K., US
[71] BAKER HUGHES INCORPORATED, US
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[25] EN
[54] **ACID-IN-OIL EMULSION COMPOSITIONS AND METHODS FOR TREATING HYDROCARBON-BEARING FORMATIONS**
[54] **COMPOSITIONS D'EMULSION ACIDE DANS HUILE ET PROCEDES DE TRAITEMENT DE FORMATIONS CONTENANT DES HYDROCARBURES**
[72] BERRY, SANDRA L., US
[72] BOLES, JOEL L., US
[72] IZUNDU, KIMBERLY, US
[71] BAKER HUGHES INCORPORATED, US
[85] 2015-03-02
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[54] **A FLEXIBLE POUCH HAVING AN OPENING SLEEVE**
[54] **POCHE SOUPLE A MANCHON D'OUVERTURE**
[72] CAILLETEAU, BENOIT, FR
[71] M3AT SA, CH
[85] 2015-02-27
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[54] **SEGMENTED VALVE PACKING GLAND**
[54] **FOULOIR SEGMENTE POUR SOUPAPE**
[72] MURAN, JOHN W., US
[72] KELLEY, JOHN, US
[71] PENTAIR FLOW SERVICES AG, CH
[85] 2015-03-02
[86] 2013-09-05 (PCT/US2013/058327)
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[25] EN
[54] **FEEDING TUBE WITH INSUFFLATION DEVICE AND RELATED METHODS THEREFOR**
[54] **SONDE D'ALIMENTATION AYANT UN DISPOSITIF D'INSUFFLATION ET SES PROCEDES ASSOCIES**
[72] BRANCONIER, GLEN, US
[72] DORSEY, MICHAEL C., US
[72] DAVIS, KELLY M., US
[72] SWISHER, DAVID RORK, US
[72] MORAN, JOHN P., US
[71] COVIDIEN LP, US
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[54] **CONVEYING APPARATUS FOR ITEMS IN THE FISH AND MEAT PROCESSING INDUSTRY**
[54] **DISPOSITIF DE TRANSPORT D'ARTICLES DE L'INDUSTRIE DU POISSON ET DE LA VIANDE**
[72] PEDERSEN, HENNING B., DK
[71] NORDISCHER MASCHINENBAU RUD. BAADER GMBH + CO. KG, DE
[85] 2015-02-27
[86] 2013-08-28 (PCT/EP2013/067832)
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[25] EN
[54] **USE OF ADSORBER MATERIAL TO RELIEVE VACUUM IN SEALED CONTAINER CAUSED BY COOLING OF HEATED CONTENTS**
[54] **UTILISATION D'UN MATERIAU ADSORBEUR POUR SOULAGER LE VIDE DANS UN RECIPIENT ETANCHE CAUSE PAR LE REFROIDISSEMENT D'UN CONTENU CHAUFFE**
[72] CHIANG, WEILONG L., US
[72] LUNN, PAUL, US
[72] SEQUEIRA, CLARENCE, US
[72] SOCCI, EDWARD PETER, US
[71] PEPSICO, INC., US
[85] 2015-03-02
[86] 2013-09-06 (PCT/US2013/058377)
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[25] EN
[54] **EXPANDABLE TIE BACK SEAL ASSEMBLY**
[54] **ENSEMBLE D'ETANCHEITE EXPANSIBLE DE RACCORDEMENT POUR TUBAGE**
[72] NOFFKE, RICHARD PAUL, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-02-26
[86] 2012-08-28 (PCT/US2012/052721)
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[54] **METHOD AND DEVICE FOR DETERMINING AND/OR MONITORING THE AIR TIGHTNESS OF AN ENCLOSED ROOM**
[54] **PROCEDE ET DISPOSITIF POUR DETERMINER ET/OU SURVEILLER L'ETANCHEITE A L'AIR D'UN ESPACE FERME**
[72] EBERLEIN, ANSELM, DE
[71] AMRONA AG, CH
[85] 2015-02-27
[86] 2013-09-03 (PCT/EP2013/068128)
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[25] EN
[54] **NOOTROPIC COMPOSITIONS FOR IMPROVING MEMORY PERFORMANCE**
[54] **COMPOSITIONS NOOTROPIQUES POUR AMELIORER LES PERFORMANCES DE MEMOIRE**
[72] COHEN, DANIEL, FR
[72] NAHIROCHKIN, SERGUEI, FR
[72] CHUMAKOV, ILYA, FR
[71] PHARNEXT, FR
[85] 2015-02-27
[86] 2013-09-04 (PCT/EP2013/068302)
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[25] EN
[54] **NUCLEOTIDES AND PRIMERS WITH REMOVABLE BLOCKING GROUPS**
[54] **NUCLEOTIDES ET AMORCES COMPRENANT DES GROUPES BLOQUEURS ELIMINABLES**
[72] CHEN, CHENG-YAO, US
[72] PADMABANDU, GOTHAMI, US
[71] ILLUMINA, INC., US
[85] 2015-02-26
[86] 2013-08-15 (PCT/US2013/055065)
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[51] **Int.Cl. B65D 47/26 (2006.01) B65D 47/20 (2006.01)**
[25] EN
[54] **LID OF A CONTAINER**
[54] **COUVERCLE DE RECIPIENT**
[72] BRATSCH, CHRISTIAN, AT
[72] VON RETTBERG, MARC, DE
[71] XOLUTION GMBH, DE
[85] 2015-02-27
[86] 2013-09-13 (PCT/EP2013/069012)
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[25] EN
[54] **NAVIGATION SYSTEM AND METHOD**
[54] **SYSTEME DE NAVIGATION ET PROCEDE ASSOCIE**
[72] ANDERSON, TERRY, US
[72] CORNELIUS, ROBERT S., US
[72] ARTNER, FRANK, US
[71] AUTONOMOUS TRACTOR CORPORATION, US
[85] 2015-02-26
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[25] EN
[54] **METHOD FOR RECONSTRUCTING THE TOTAL ORGANIC CARBON CONTENT FROM COMPOSITIONAL MODELING ANALYSIS**
[54] **PROCEDE DE RECONSTRUCTION DE LA TENEUR EN CARBONE ORGANIQUE TOTAL A PARTIR D'ANALYSE DE MODELISATION DE COMPOSITION**
[72] JONES, PETER J., SA
[72] HALPERN, HENRY IRA, PH
[71] SAUDI ARABIAN OIL COMPANY, SA
[85] 2015-02-27
[86] 2013-08-28 (PCT/US2013/056979)
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[25] FR
[54] **RESPIRATORY ASSISTANCE DEVICE, NASAL APPLIANCE AND RESPIRATORY ASSISTANCE MASK**
[54] **DISPOSITIF D'ASSISTANCE RESPIRATOIRE, APPAREIL NASAL ET MASQUE D'ASSISTANCE RESPIRATOIRE**
[72] BOUSSIGNAC, GEORGES, FR
[71] BOUSSIGNAC, GEORGES, FR
[85] 2015-02-26
[86] 2013-08-28 (PCT/FR2013/051979)
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[25] EN
[54] **BIOCERAMIC COMPOSITIONS**
[54] **COMPOSITIONS DE BIOCERAMIQUE**
[72] VISSMAN, SHANNON, US
[72] CIDRAL FILHO, FRANCISCO JOSE, BR
[72] DE PAULA MOREIRA, FRANCISCO, BR
[72] MIDTTUN, STEVEN, US
[71] MULTIPLE ENERGY TECHNOLOGIES LLC, US
[85] 2015-02-27
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[51] **Int.Cl. G06Q 10/04 (2012.01) G06Q 10/06 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PREDICTING CUSTOMER ATTRITION USING DYNAMIC USER INTERACTION DATA**
[54] **SYSTEME ET PROCEDE DE PREVISION D'ATTRITION DE LA CLIENTELE AU MOYEN DE DONNEES DYNAMIQUES D'INTERACTION DES UTILISATEURS**
[72] ZHANG, WEN, US
[72] WANG, ZHENHUA, CN
[72] ZHANG, YAN, US
[72] MILANA, JOSEPH, US
[71] OPERA SOLUTIONS, LLC, US
[85] 2015-02-27
[86] 2013-08-30 (PCT/US2013/057583)
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[51] **Int.Cl. A61G 7/057 (2006.01) A47C 21/04 (2006.01)**
[25] EN
[54] **MULTI-LAYERED PATIENT SUPPORT COVER SHEET SYSTEM**
[54] **SYSTEME DE SUPPORT POUR PATIENT SOUS FORME D'UNE FEUILLE PROTECTRICE MULTICOUCHE**
[72] LUCKEMEYER, JAMES A., US
[72] LOCKE, CHRISTOPHER, GB
[71] HUNTLEIGH TECHNOLOGY LIMITED, GB
[85] 2015-02-13
[86] 2013-08-30 (PCT/US2013/057627)
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[25] EN
[54] **PREVENTING PULMONARY RECURRENCE OF CANCER WITH LIPID-COMPLEXED CISPLATIN**
[54] **PREVENTION DE LA RECHUTE DU CANCER PULMONAIRE AVEC UN COMPLEXE LIPIDE/CISPLATINE**
[72] ANTHONY, FORREST H., US
[72] PARRIS, MATTHEW M, US
[72] THOMAS, EDWIN J., US
[72] ZHANG, QUANGTAO, US
[71] ELEISON PHARMACEUTICALS, LLC, US
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[51] **Int.Cl. A61K 31/722 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **METHODS FOR TREATMENT OR PREVENTION OF DAMAGE RESULTING FROM RADIATION, TRAUMA OR SHOCK**
[54] **PROCEDES POUR LE TRAITEMENT OU LA PREVENTION DE DOMMAGES RESULTANT D'UN RAYONNEMENT, D'UN TRAUMA OU D'UN CHOC**
[72] BAKER, SHENDA M., US
[72] WIESMANN, WILLIAM P., US
[71] SYNEDGEN, INC., US
[85] 2015-02-27
[86] 2013-09-20 (PCT/US2013/061027)
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[25] EN
[54] **EXTERNALLY-REINFORCED WATER ELECTROLYSER MODULE**
[54] **MODULE D'ELECTROLYSEUR D'EAU RENFORCE A L'EXTERIEUR**
[72] HINATSU, JAMES, CA
[72] STEMP, MICHAEL, CA
[72] WILSON, CHRIS, CA
[71] NEXT HYDROGEN CORPORATION, CA
[85] 2015-02-26
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[54] **A METHOD AND AN APPARATUS FOR SUSPENDING BIRDS FROM AN OVERHEAD CONVEYOR**
[54] **PROCEDE ET APPAREIL DE SUSPENSION D'OISEAUX DEPUIS UN CONVOYEUR AERIEN**
[72] OSTERGAARD, BENT, DK
[71] LINCO FOOD SYSTEMS A/S, DK
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[25] EN
[54] **PARATHYROID HORMONE, INSULIN, AND RELATED PEPTIDES CONJUGATED TO BONE TARGETING MOIETIES AND METHODS OF MAKING AND USING THEREOF**
[54] **PARATHORMONE, INSULINE, ET PEPTIDES ASSOCIES CONJUGUES A DES FRACTIONS DE CIBLAGE OSSEUX, ET PROCEDES DE FABRICATION ET D'UTILISATION DE CEUX-CI**
[72] DOSCHAK, MICHAEL, CA
[72] YANG, YANG, CA
[72] BHANDARI, KRISHNA HARI, CA
[71] THE GOVERNORS OF THE UNIVERSITY OF ALBERTA, CA
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[54] **MODULE D'ELECTROLYSEUR D'EAU RENFORCE A L'INTERIEUR**
[72] HINATSU, JAMES, CA
[72] STEMP, MICHAEL, CA
[72] WILSON, CHRIS, CA
[71] NEXT HYDROGEN CORPORATION, CA
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[54] **CAPSULE STORAGE**
[54] **DISPOSITIF DE STOCKAGE DE CAPSULE**
[72] AGON, FABIEN LUDOVIC, CH
[72] MAGATTI, MARCO, CH
[72] PHAN, MINH QUAN, CH
[71] NESTEC S.A., CH
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[54] **APPARATUS FOR ACCELERATING AND COMPRESSING PLASMA**
[54] **APPAREIL D'ACCELERATION ET DE COMPRESSION DE PLASMA**
[72] LABERGE, MICHEL G., CA
[72] REYNOLDS, MERITT, CA
[71] GENERAL FUSION INC., CA
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[25] EN
[54] **METHODS AND COMPOSITIONS FOR DIAGNOSIS OF INFLAMMATORY LIVER DISEASE**
[54] **METHODES ET COMPOSITIONS POUR LE DIAGNOSTIC D'UNE MALADIE HEPATIQUE INFLAMMATOIRE**
[72] LANDI, ABDOLAMIR, CA
[72] HOUGHTON, MICHAEL, CA
[72] TYRRELL, LORNE D., CA
[72] LANKISCH, TIM, DE
[72] WEISMUELLER, TOBIAS, DE
[72] MANNS, MICHAEL, DE
[71] THE GOVERNORS OF THE UNIVERSITY OF ALBERTA, CA
[71] MEDIZINISCHE HOCHSCHULE HANNOVER, DE
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[25] EN
[54] **MULTI-RING LENS, SYSTEMS AND METHODS FOR EXTENDED DEPTH OF FOCUS**
[54] **VERRE MULTIBAGUE, SYSTEMES ET PROCEDES DESTINES A ETENDRE LA PROFONDEUR DE FOYER**
[72] WEEBER, HENDRIK A., NL
[71] AMO GRONINGEN B.V., NL
[85] 2015-02-26
[86] 2013-08-30 (PCT/IB2013/002390)
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[25] EN
[54] **AUTOMATED PIPE TRIPPING APPARATUS AND METHODS**
[54] **APPAREIL ET PROCEDES DE DECLENCHEMENT DE TUBE AUTOMATISE**
[72] PILGRIM, RICK, US
[71] QUICKSILVER DRILLING TECHNOLOGIES, LLC, US
[85] 2015-02-27
[86] 2013-10-22 (PCT/US2013/066145)
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[25] EN
[54] **METHODS AND COMPOSITIONS FOR PRODUCING INDUCED HEPATOCYTES**
[54] **PROCEDES ET COMPOSITIONS POUR PRODUIRE DES HEPATOCYTES INDUITS**
[72] SIMEONOV, KAMEN P., US
[72] UPPAL, HIRDESH, US
[71] GENENTECH, INC., US
[85] 2015-02-26
[86] 2013-09-06 (PCT/US2013/058414)
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[30] US (61/698,359) 2012-09-07
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[25] FR
[54] **POLYPEPTIDE WITH REINFORCED BETA-GLUCOSIDASE ACTIVITY AT LOW TEMPERATURE**
[54] **POLYPEPTIDE A ACTIVITE BETA-GLUCOSIDASE RENFORCEE A BASSE TEMPERATURE**
[72] MARGEOT, ANTOINE, FR
[72] MATHIS, HUGUES, FR
[72] AYRINHAC, CELINE, FR
[72] ULLMANN, CHRISTOPHE, FR
[72] PERSILLON, CECILE, FR
[72] FORT, SEBASTIEN, FR
[72] ARMAND, SYLVIE, FR
[72] PETIT, MAUD, FR
[71] IFP ENERGIES NOUVELLES, FR
[71] PROTEUS, FR
[71] CENTRE NATINAL DE LA RECHERCHE SCIENTIFIQE - CNRS, FR
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[54] **SUBSTRAT MUNI D'UN EMPILEMENT A PROPRIETES THERMIQUES ET A COUCHE ABSORBANTE**
[72] JRIBI, RAMZI, FR
[72] LORENZZI, JEAN-CARLOS, FR
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2015-02-26
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[54] **COMBINAISON DE CHROMOPHORES A USAGES BIOPHOTONIQUES**
[72] LOUPIS, NIKOLAOS, GR
[72] PIERGALLINI, REMIGIO, IT
[71] KLOX TECHNOLOGIES INC., CA
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[54] **BIOMARQUEURS DE RESISTANCE AUX INHIBITEURS DE HDAC**
[72] TROWE, TORSTEN BERNHARD, US
[71] CELGENE CORPORATION, US
[85] 2015-03-02
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[54] **COMPOSITE STRUCTURES HAVING BONDLINES WITH MATCHED ELECTRICAL CONDUCTIVITY**
[54] **STRUCTURES COMPOSITES AYANT DES LIGNES DE CONTACT PRESENTANT UNE CONDUCTIVITE ELECTRIQUE APPARIEE**
[72] ACKERMAN, PATRICE K., US
[72] HEIDLEBAUGH, DIANE L., US
[71] THE BOEING COMPANY, US
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[54] **COMPOSITIONS COSMETIQUES BIOPHOTONIQUES**
[72] LOUPIS, NIKOLAOS, GR
[72] PIERGALLINI, REMIGIO, IT
[72] HEBERT, LISE, CA
[71] KLOX TECHNOLOGIES INC., CA
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[25] FR
[54] **TREATMENT KIT, TREATMENT DEVICE, AND ASSOCIATED METHOD OF PRODUCTION**
[54] **NECESSAIRE DE TRAITEMENT, DISPOSITIF DE TRAITEMENT ET PROCEDE DE FABRICATION ASSOCIE**
[72] CHAKFE, NABIL, FR
[72] DURAND, BERNARD, FR
[72] MARCHAND, CORALIE, FR
[71] UNIVERSITE DE STRASBOURG, FR
[71] HOPITAUX UNIVERSITAIRES DE STRASBOURG (HUS), FR
[71] UNIVERSITE DE HAUTE ALSACE, FR
[85] 2015-02-27
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[54] **FORMULATION GELIFIANTE A BASE DE KETAMINE**
[72] BOUDY, VINCENT, FR
[72] TIBI, ANNICK, FR
[72] DHAYER, BENOIT, FR
[72] HUSSON, MARIE-CAROLINE, FR
[72] GRAFF DE FAGET, SANDRINE, FR
[71] ASSISTANCE PUBLIQUE - HOPITAUX DE PARIS, FR
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[25] EN
[54] **POWDER FOR BROWNING FOOD SURFACES**
[54] **POUDRE POUR DORER LA SURFACE D'ALIMENTS**
[72] CAVIN, SANDRINE, CH
[72] SHAMAILA, MAWELE, DE
[72] HALDEN, JONAS, US
[71] NESTEC S.A., CH
[85] 2015-03-02
[86] 2013-10-17 (PCT/EP2013/071700)
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[25] FR
[54] **DISPLAY SCREEN, IN PARTICULAR FOR AUTOSTEREOSCOPY**
[54] **ECRAN D'AFFICHAGE, EN PARTICULIER POUR AUTOSTEREOSCOPIE**
[72] ALLIO, PIERRE, FR
[71] ALIOSCOPY, FR
[85] 2015-03-02
[86] 2013-09-12 (PCT/IB2013/058496)
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[25] EN
[54] **PROCESS FOR IMPROVING THE RHEOLOGICAL PROPERTIES OF AN AQUEOUS DISPERSION**
[54] **PROCEDE D'AMELIORATION DES PROPRIETES RHEOLOGIQUES D'UNE DISPERSION AQUEUSE**
[72] ANDERMANN, LAWRENCE J., JR., US
[72] PELTIER, JEFFREY H., US
[72] BLUEMLE, MICHAEL JAMES, US
[72] BROECHER, MARKUS, DE
[71] SOLENIS TECHNOLOGIES CAYMAN, L.P., CH
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[25] EN
[54] **PRODUCTIVITY EVALUATION METHOD, PRODUCTIVITY EVALUATION DEVICE, PROGRAM, AND RECORDING MEDIUM**
[54] **PROCEDE D'EVALUATION DE PRODUCTIVITE, DISPOSITIF D'EVALUATION DE PRODUCTIVITE, PROGRAMME ET SUPPORT D'ENREGISTREMENT**
[72] FUJIMORI, YOJI, JP
[72] SHOKAKU, AKIO, JP
[71] SEKISUI CHEMICAL CO., LTD., JP
[85] 2015-02-26
[86] 2013-09-19 (PCT/JP2013/075292)
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[54] **METHODS FOR PROCESSING BIOMASS-DERIVED FEEDSTOCKS**
[54] **PROCEDES DE TRAITEMENT D'UNE MATIERE PREMIERE BIOLOGIQUE DERIVEE DE BIOMASSE**
[72] ROBERTS, VIRGINIA M., US
[72] DAAGE, MICHEL, US
[72] WANG, KUN, US
[71] EXXONMOBILE RESEARCH AND ENGINEERING COMPANY, US
[85] 2015-03-02
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[54] **METHODS AND SYSTEMS FOR PROCESSING PHYSIOLOGICAL SIGNALS**
[54] **METHODES ET SYSTEMES DE TRAITEMENT DE SIGNAUX PHYSIOLOGIQUES**
[72] ENGELBRECHT, PIROW, GB
[72] RODRIGUEZ-LLORENTE, FERNANDO, GB
[72] WOODER, NICHOLAS, GB
[71] COVIDIEN LP, US
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[54] **COOLANT RECOVERY AND WASTE SEPARATION SYSTEM**
[54] **SYSTEME DE RECUPERATION DE LIQUIDE DE REFROIDISSEMENT ET DE SEPARATION DE DECHETS**
[72] FORLONG, MURRAY HOULTON, NZ
[71] EIGEN SYSTEMS LIMITED, NZ
[85] 2015-02-17
[86] 2012-08-17 (PCT/NZ2012/000145)
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[54] **SYSTEM AND METHOD FOR OXIDIZING ORGANIC COMPOUNDS WHILE REDUCING CARBON DIOXIDE**
[54] **SYSTEME ET PROCEDE D'OXYDATION DE COMPOSES ORGANIQUES TOUT EN REDUISANT LE DIOXYDE DE CARBONE**
[72] TEAMEY, KYLE, US
[72] KACZUR, JERRY J., US
[72] SIVASANKAR, NARAYANAPPA, US
[72] MAJSZTRIK, PAUL, US
[72] COLE, EMILY BARTON, US
[72] BOCARSLY, ANDREW B., US
[71] LIQUID LIGHT, INC., US
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[86] 2013-08-05 (PCT/US2013/053583)
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[54] **PLAQUE DE FUSION ORTHOPEDIQUE ET VIS DE COMPRESSION**
[72] TAYLOR, ALAN G., US
[72] WAHL, REBECCA H., US
[72] LITKE, RONALD G., US
[71] SOLANA SURGICAL, LLC, US
[85] 2015-03-02
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[25] EN
[54] **ABOVE PLATE COOLANT CONTAINMENT AND RECOVERY SYSTEM**
[54] **SYSTEME DE LIMITATION ET DE RECUPERATION DE LIQUIDE DE REFROIDISSEMENT SITUE AU-DESSUS D'UNE PLAQUE**
[72] FORLONG, MURRAY HOULTON, NZ
[71] EIGEN SYSTEMS LIMITED, NZ
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[54] **SPLIT RESISTANT COMPOSITE LAMINATE**
[54] **STRATIFIE COMPOSITE RESISTANT AUX FISSURES**
[72] WOODARD, PATRICK, US
[72] KISMARTON, MAX, US
[72] ANDREWS, FRANCIS E., US
[71] THE BOEING COMPANY, US
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[30] US (13/692,424) 2012-12-03

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[25] EN
[54] **ELECTROCHEMICAL CO-PRODUCTION OF CHEMICALS UTILIZING A HALIDE SALT**
[54] **PRODUCTION ELECTROCHIMIQUE CONJOINTE DE PRODUITS CHIMIQUES AU MOYEN D'UN SEL D'HALOGENURE**
[72] TEAMEY, KYLE, US
[72] KACZUR, JERRY J., US
[71] LIQUID LIGHT, INC., US
[85] 2015-03-03
[86] 2013-08-05 (PCT/US2013/053600)
[87] (WO2014/046797)
[30] US (61/703,229) 2012-09-19
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[54] **DISPOSITIF D'INHALATION D'AEROSOL**
[72] BRAMBILLA, GAETANO, IT
[72] JOHNSON, ROBERT, IT
[72] LEWIS, DAVID ANDREW, IT
[71] CHIESI FARMACEUTICI S.P.A., IT
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[54] **METHOD FOR ADVERTISING DECISION RESOLUTION ACCELERATION BASED ON LOOKAHEAD OPPORTUNITY TRIGGERING**
[54] **PROCEDE D'ACCELERATION D'UNE RESOLUTION DE DECISION DE PUBLICITE SUR BASE D'UN DECLENCHEMENT D'OPPORTUNITE PAR ANTICIPATION**
[72] SHERWIN, JEFFREY, US
[72] MICK, JOHN RAYMOND, JR., US
[71] THIS TECHNOLOGY, INC., US
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[25] EN
[54] **METHODS OF TREATING ALZHEIMER'S DISEASE AND PHARMACEUTICAL COMPOSITIONS THEREOF**
[54] **PROCEDES DE TRAITEMENT DE LA MALADIE D'ALZHEIMER ET COMPOSITIONS PHARMACEUTIQUES ASSOCIEES**
[72] SCHMIDT, ELLEN, DK
[72] AREBERG, JOHAN, SE
[71] H. LUNDBECK A/S, DK
[85] 2015-02-26
[86] 2013-09-06 (PCT/EP2013/068516)
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[54] **ELECTROCHEMICAL REDUCTION OF CO2 WITH CO-OXIDATION OF AN ALCOHOL**
[54] **REDUCTION ELECTROCHIMIQUE DU CO2AVEC CO-OXYDATION D'UN ALCOOL**
[72] TEAMEY, KYLE, US
[72] KACZUR, JERRY J., US
[72] COLE, EMILY BARTON, US
[72] MAJSZTRIK, PAUL, US
[72] SIVASANKAR, NARAYANAPPA, US
[72] BOCARSLY, ANDREW B., US
[71] LIQUID LIGHT, INC., US
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[30] US (61/703,238) 2012-09-19
[30] US (61/703,175) 2012-09-19
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[54] **METHODS AND SYSTEMS FOR PROCESSING PHYSIOLOGICAL SIGNALS**
[54] **METHODES ET SYSTEMES DE TRAITEMENT DE SIGNAUX PHYSIOLOGIQUES**
[72] RODRIGUEZ-LLORENTE, FERNANDO, GB
[72] ENGELBRECHT, PIROW, GB
[72] WOODER, NICHOLAS, GB
[71] COVIDIEN LP, US
[85] 2015-02-26
[86] 2013-09-11 (PCT/US2013/059296)
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[25] EN
[54] **PYRIDINONE COMPOUNDS FOR USE IN PHOTODYNAMIC THERAPY**
[54] **COMPOSES DE PYRIDINONE DESTINES A ETRE UTILISES EN THERAPIE PHOTODYNAMIQUE**
[72] CURNOW, ALISON, GB
[72] WOOD, MARK, GB
[72] PERRY, ALEXIS, GB
[71] UNIVERSITY OF EXETER, GB
[85] 2015-02-26
[86] 2013-09-02 (PCT/GB2013/052297)
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[54] **SPEED SKATES**
[54] **PATINS POUR PATINAGE DE VITESSE**
[72] BONT, INZE, AU
[71] BONT FOOTWEAR PTY LTD, AU
[71] BONT, INZE, AU
[85] 2014-12-18
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[54] **PROCESS AND DEVICE FOR SEPARATING OFF A VOLATILE COMPONENT**
[54] **PROCEDE ET DISPOSITIF DE SEPARATION D'UN CONSTITUANT VOLATIL**
[72] LISBERGER, MANFRED, AT
[72] STEINWANDTER, ANDREAS, AT
[72] SCHWEI, PETER, AT
[72] FREIMANN, WOLFGANG, AT
[71] SCHEUCH GMBH, AT
[71] W&P ZEMENT GMBH, AT
[71] A TEC HOLDING GMBH, AT
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[54] **WATERPROOFING SYSTEM FOR WET AREAS**
[54] **SYSTEME D'ETANCHEITE POUR ZONES HUMIDES**
[72] JOHNSON, STEPHEN, AU
[71] JOHNSON, STEPHEN, AU
[85] 2015-03-03
[86] 2013-07-25 (PCT/AU2013/000828)
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[30] AU (2012903862) 2012-09-05
[30] AU (2012101755) 2012-11-29
[30] AU (2013204009) 2013-04-11

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[25] EN
[54] **GAS TURBINE DEVICE**
[54] **DISPOSITIF DE TURBINE A GAZ**
[72] YAMASAKI, YOSHIHIRO, JP
[72] HOSOKAWA, YASUFUMI, JP
[71] KAWASAKI JUKOGYO KABUSHIKI KAISHA, JP
[85] 2015-02-26
[86] 2013-08-27 (PCT/JP2013/072820)
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[30] JP (2012-188346) 2012-08-29

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[54] **SELF-STEERING BOGIE FOR A ROAD VEHICLE**
[54] **ESSIEU TANDEM AUTOVIREUR DESTINE A UN VEHICULE ROUTIER**
[72] SANDFORD, GEOFFREY PAUL, AU
[71] SANDFORD, GEOFFREY PAUL, AU
[85] 2015-03-03
[86] 2013-09-03 (PCT/AU2013/000997)
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[25] EN
[54] **SOLE STRUCTURES AND ARTICLES OF FOOTWEAR HAVING A LIGHTWEIGHT MIDSOLE WITH SEGMENTED PROTECTIVE ELEMENTS**
[54] **STRUCTURES DE SEMELLE ET ARTICLES DE CHAUSSURE AYANT UNE SEMELLE INTERCALAIRE LEGERE COMPORTANT DES ELEMENTS DE PROTECTION SEGMENTES**
[72] ADEAGBO, SIMIDELE A., US
[72] GROVER, CHAD C., US
[72] SHYLLON, TAMIMU A., US
[72] HOFFER, KEVIN W., US
[72] HOLMES, MATTHEW J., US
[71] NIKE INNOVATE C.V., US
[85] 2015-03-03
[86] 2013-09-05 (PCT/US2013/058280)
[87] (WO2014/039691)
[30] US (13/605,681) 2012-09-06

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[13] A1
[51] **Int.Cl. A61M 25/095 (2006.01) A61B 1/04 (2006.01) A61M 25/01 (2006.01)**
[25] EN
[54] **CATHETER WITH IMAGING ASSEMBLY WITH PLACEMENT AID AND RELATED METHODS THEREFOR**
[54] **CATHETER COMPORTANT UN ENSEMBLE D'IMAGERIE AYANT UNE AIDE AU POSITIONNEMENT, ET PROCEDES ASSOCIES**
[72] SWISHER, DAVID RORK, US
[72] DAVIS, KELLY M., US
[72] NAMINY, SAEED SHAKOORI, US
[71] COVIDIEN LP, US
[85] 2015-03-03
[86] 2013-08-22 (PCT/US2013/056174)
[87] (WO2014/039270)
[30] US (13/606,185) 2012-09-07

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[13] A1
[51] **Int.Cl. A61K 9/28 (2006.01) A61K 31/4412 (2006.01)**
[25] EN
[54] **COATED PHARMACEUTICAL COMPOSITION CONTAINING REGORAFENIB**
[54] **COMPOSITION PHARMACEUTIQUE ENROBEE CONTENANT DU REGORAFENIB**
[72] SKRABS, SUSANNE, DE
[72] FUNKE, ADRIAN, DE
[72] KRESSE, MAYK, DE
[72] OBERDIECK, ULRICH, DE
[71] BAYER HEALTHCARE LLC., US
[85] 2015-03-03
[86] 2013-09-05 (PCT/US2013/058257)
[87] (WO2014/039677)
[30] EP (12183331.3) 2012-09-06

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[13] A1
[51] **Int.Cl. A23G 4/08 (2006.01)**
[25] EN
[54] **IMPROVED GUM BASES AND CHEWING GUMS EMPLOYING BLOCK POLYMERS AND PROCESSES FOR PREPARING THEM**
[54] **GOMMES BASES ET CHEWING-GUMS AMELIORES UTILISANT DES POLYMERES SEQUENCES ET LEURS PROCEDES DE PREPARATION**
[72] MORGRET, LES, US
[72] BATES, FRANK S., US
[72] HILLMYER, MARC A., US
[72] LEE, SONGWOO, US
[72] MACOSKO, CHRIS, US
[72] MARTELLO, MARK T., US
[71] WM. WRIGLEY JR. COMPANY, US
[71] REGENTS OF THE UNIVERSITY OF MINNESOTA, US
[85] 2015-03-03
[86] 2013-09-06 (PCT/US2013/058394)
[87] (WO2014/039755)
[30] US (61/698,327) 2012-09-07

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[13] A1
[51] **Int.Cl. A61B 5/02 (2006.01) A61B 5/0295 (2006.01) A61M 16/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DETERMINING FLUID RESPONSIVENESS**
[54] **SYSTEMES ET METHODES DESTINES A DETERMINER LA SENSIBILITE FLUIDIQUE**
[72] SU, MARK, US
[72] CHEN, BO, US
[71] COVIDIEN LP, US
[85] 2015-02-26
[86] 2013-09-12 (PCT/US2013/059366)
[87] (WO2014/043299)
[30] US (13/611,153) 2012-09-12

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[13] A1
[51] **Int.Cl. B29C 67/00 (2006.01)**
[25] EN
[54] **THREE-DIMENSIONAL PRINTING SYSTEM AND EQUIPMENT ASSEMBLY**
[54] **SYSTEME D'IMPRESSION TRIDIMENSIONNELLE ET ENSEMBLE EQUIPEMENT**
[72] YOO, JAEDEOK, US
[72] BRADBURY, THOMAS J., US
[72] BEBB, THOMAS J., US
[72] ISKRA, JAMES, US
[72] SURPRENANT, HENRY L., US
[72] WEST, THOMAS G., US
[71] APRECIA PHARMACEUTICALS COMPANY, US
[85] 2015-03-03
[86] 2013-08-30 (PCT/US2013/057466)
[87] (WO2014/039378)
[30] US (61/696,839) 2012-09-05

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[13] A1
[51] **Int.Cl. A61K 31/445 (2006.01) A61P 9/04 (2006.01) A61P 9/10 (2006.01)**
[25] EN
[54] **USES OF (-)-PERHEXILINE**
[54] **UTILISATIONS DE (-)-PERHEXILINE**
[72] SALLUSTIO, BENEDETTA, AU
[72] MILNE, ROBERT, AU
[72] LICARI, JOHN, AU
[72] SOMOGYI, ANDREW ALEXANDER, AU
[71] ADELAIDE RESEARCH & INNOVATION PTY LTD., AU
[71] CENTRAL ADELAIDE LOCAL HEALTH NETWORK INC., AU
[71] ITEK VENTURES PTY LTD, AU
[85] 2015-03-03
[86] 2013-09-05 (PCT/AU2013/001008)
[87] (WO2014/036603)
[30] AU (2012903850) 2012-09-05
[30] US (61/697,214) 2012-09-05

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[13] A1
[51] **Int.Cl. G07F 17/32 (2006.01) A63F 13/73 (2014.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CREATING AND MAINTAINING AN INVENTORY LIST AND VERIFYING COMPONENTS OF GAMING EQUIPMENT**
[54] **SYSTEMES ET PROCEDES POUR CREER ET MAINTENIR UNE LISTE D'INVENTAIRE ET VERIFIER DES COMPOSANTS D'UN EQUIPEMENT DE JEU**
[72] HOLLIS, ZACHARY, US
[72] EMMERIK, CHRISTOPHER VAN, US
[71] GAMING LABORATORIES INTERNATIONAL, LLC, US
[85] 2015-03-03
[86] 2013-08-30 (PCT/US2013/057587)
[87] (WO2014/039394)
[30] US (13/602,896) 2012-09-04
[30] US (14/015,201) 2013-08-30

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[13] A1
[51] **Int.Cl. E21B 10/46 (2006.01) B24D 3/10 (2006.01)**
[25] EN
[54] **ULTRA-HARD CONSTRUCTIONS WITH IMPROVED ATTACHMENT STRENGTH**
[54] **CONSTRUCTIONS ULTRA-DURES AVEC FORCE D'ATTACHEMENT AMELIOREE**
[72] BELNAP, J. DANIEL, US
[71] SMITH INTERNATIONAL, INC., US
[85] 2015-03-03
[86] 2013-09-06 (PCT/US2013/058425)
[87] (WO2014/039771)
[30] US (61/698,408) 2012-09-07
[30] US (14/019,411) 2013-09-05

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[13] A1
[51] **Int.Cl. G01N 33/58 (2006.01) E02B 1/00 (2006.01)**
[25] EN
[54] **METHOD FOR DETECTING FLUID INJECTION IN A PATIENT**
[54] **PROCEDE DE DETECTION DE L'INJECTION D'UN FLUIDE DANS UN PATIENT**
[72] THOMPSON, WAYNE, AU
[71] QUAKER CHEMICAL (AUSTRALASIA) PTY LTD, AU
[85] 2015-02-27
[86] 2012-02-02 (PCT/AU2012/000094)
[87] (WO2013/029082)
[30] AU (2011903536) 2011-09-02

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[13] A1
[51] **Int.Cl. E21B 10/46 (2006.01) B24D 3/10 (2006.01)**
[25] EN
[54] **ULTRA-HARD CONSTRUCTIONS WITH EROSION RESISTANCE**
[54] **CONSTRUCTIONS ULTRA-DURES DOTEES D'UNE RESISTANCE A L'EROSION**
[72] YU, FENG, US
[72] RANDALL, BENJAMIN, US
[72] ZHANG, HAIBO, US
[72] BELNAP, J. DANIEL, US
[71] SMITH INTERNATIONAL, INC., US
[85] 2015-03-03
[86] 2013-09-06 (PCT/US2013/058411)
[87] (WO2014/039766)
[30] US (61/698,402) 2012-09-07
[30] US (14/019,394) 2013-09-05

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[13] A1
[51] **Int.Cl. G06Q 10/08 (2012.01) G06Q 30/02 (2012.01)**
[25] EN
[54] **MOVE MANAGEMENT SYSTEM**
[54] **SYSTEME DE GESTION DE DEMENAGEMENT**
[72] BEN-HAROSH, SHARONE., US
[72] COOKE, DANIEL, US
[72] GANDHI, AMISH, US
[72] NEGRON, JOHN, US
[72] CARMEL, ISRAEL, US
[71] UNPAKT, LLC, US
[85] 2015-03-03
[86] 2013-09-06 (PCT/US2013/058458)
[87] (WO2014/039789)
[30] US (61/698,089) 2012-09-07
[30] US (13/741,821) 2013-01-15
[30] US (13/741,806) 2013-01-15
[30] US (13/741,796) 2013-01-15

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[13] A1
[51] **Int.Cl. C08J 9/12 (2006.01) C08G 77/00 (2006.01) C08L 83/04 (2006.01)**
[25] EN
[54] **SILCONE COMPOSITIONS AND RELATED METHODS**
[54] **COMPOSITIONS DE SILICONE ET PROCEDES S'Y RAPPORTANT**
[72] LIU, JUNKANG J., US
[72] WU, PINGFAN, US
[72] BAI, FENG, US
[72] YLITALO, DAVID A., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2015-03-03
[86] 2013-09-03 (PCT/US2013/057769)
[87] (WO2014/039414)
[30] US (61/698,088) 2012-09-07

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[13] A1
[51] **Int.Cl. A61K 31/52 (2006.01) A61K 31/4184 (2006.01) A61P 35/02 (2006.01)**
[25] EN
[54] **METHOD OF TREATING LEUKEMIA**
[54] **METHODE DE TRAITEMENT DE LA LEUCEMIE**
[72] OLHAVA, EDWARD J., US
[72] CHESWORTH, RICHARD, US
[72] KUNTZ, KEVIN W., US
[72] RICHON, VICTORIA M., US
[72] POLLOCK, ROY M., US
[72] DAIGLE, SCOTT RICHARD, US
[71] EPIZYME, INC., US
[85] 2015-03-03
[86] 2013-09-06 (PCT/US2013/058537)
[87] (WO2014/039839)
[30] US (61/697,721) 2012-09-06

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[13] A1
[51] **Int.Cl. A61B 5/0205 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DETERMINING FLUID RESPONSIVENESS**
[54] **SYSTEMES ET METHODES DESTINES A DETERMINER LA SENSIBILITE FLUIDIQUE**
[72] SU, MARK, US
[72] CHEN, BO, US
[71] COVIDIEN LP, US
[85] 2015-02-26
[86] 2013-09-12 (PCT/US2013/059371)
[87] (WO2014/043302)
[30] US (13/611,269) 2012-09-12

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[51] **Int.Cl. A61B 1/00 (2006.01) A61B 1/018 (2006.01) A61B 17/02 (2006.01) A61B 17/34 (2006.01)**
[25] EN
[54] **MULTI-LUMEN-CATHETER RETRACTOR SYSTEM FOR A MINIMALLY-INVASIVE, OPERATIVE GASTROINTESTINAL TREATMENT**
[54] **SYSTEME D'ECARTEUR DE CATHETER A LUMIERES MULTIPLES POUR UN TRAITEMENT GASTRO-INTESTINAL CHIRURGICAL MINIMALEMENT INVASIF**
[72] PISKUN, GREGORY, US
[72] TO, JOHN, US
[72] FABRO, MARIEL, US
[72] TANG, BRIAN, US
[72] KANTSEVOY, SERGEY, US
[71] MACROPLATA, INC., US
[85] 2014-12-16
[86] 2013-06-17 (PCT/US2013/046200)
[87] (WO2013/192116)
[30] US (13/531,477) 2012-06-22
[30] US (13/913,466) 2013-06-09

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[13] A1
[51] **Int.Cl. A61K 9/51 (2006.01) A61K 9/133 (2006.01) A61K 38/18 (2006.01) A61P 25/16 (2006.01) A61P 25/28 (2006.01)**
[25] EN
[54] **BOLAAMPHIPHILIC COMPOUNDS, COMPOSITIONS AND USES THEREOF**
[54] **COMPOSES BOLAAMPHIPHILES, COMPOSITIONS ET LEURS UTILISATIONS**
[72] LINDER, CHARLES, US
[72] HELDMAN, ELIAHU, US
[72] GRINBERG, SARINA, US
[71] LAUREN SCIENCES LLC, US
[85] 2015-03-03
[86] 2013-09-04 (PCT/US2013/057956)
[87] (WO2014/039501)
[30] US (61/696,789) 2012-09-04

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[13] A1
[51] **Int.Cl. A61K 31/7088 (2006.01) A61K 31/519 (2006.01) A61K 31/7115 (2006.01) A61K 31/712 (2006.01) A61K 31/713 (2006.01) A61K 38/17 (2006.01) A61K 38/21 (2006.01) A61K 39/42 (2006.01) A61K 47/48 (2006.01) A61P 31/20 (2006.01)**
[25] EN
[54] **METHODS FOR THE TREATMENT OF HEPATITIS B AND HEPATITIS D INFECTIONS**
[54] **PROCEDES POUR LE TRAITEMENT D'INFECTIONS PAR LE VIRUS DE L'HEPATITE B ET PAR LE VIRUS DE L'HEPATITE D**
[72] BAZINET, MICHEL, CA
[72] VAILLANT, ANDREW, CA
[71] REPLICOR INC., CA
[85] 2015-02-27
[86] 2013-05-17 (PCT/CA2013/050377)
[87] (WO2014/032176)
[30] US (61/695,040) 2012-08-30
[30] US (61/703,816) 2012-09-21

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[13] A1
[51] **Int.Cl. F16L 25/08 (2006.01) B23P 11/00 (2006.01) F16L 9/17 (2006.01) F16L 21/02 (2006.01) F16L 21/08 (2006.01) F16L 25/10 (2006.01) F24F 13/02 (2006.01)**
[25] EN
[54] **SEALED TRANSVERSE LOCKING PIPE AND FITTINGS**
[54] **RACCORDS ET TUYAU A BLOCAGE TRANSVERSAL SCELLES**
[72] BAUERDICK, JAN, US
[72] SMITH, DON, US
[72] MOSES, THOMAS J., US
[72] KOLLER, JEFFREY A., US
[71] FAMOUS INDUSTRIES, INC. DBA HEATING & COOLING PRODUCTS COMPANY, US
[85] 2015-03-03
[86] 2013-09-06 (PCT/US2013/058575)
[87] (WO2014/039867)
[30] US (61/698,146) 2012-09-07
[30] US (61/698,370) 2012-09-07
[30] US (13/626,431) 2012-09-25

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[13] A1
[51] **Int.Cl. A61K 9/51 (2006.01) B82Y 5/00 (2011.01) A61K 9/133 (2006.01) A61K 47/02 (2006.01)**
[25] EN
[54] **BOLAAMPHIPHILIC COMPOUNDS, COMPOSITIONS AND USES THEREOF**
[54] **COMPOSES BOLAAMPHIPHILES, COMPOSITIONS ET LEURS UTILISATIONS**
[72] LINDER, CHARLES, US
[72] HELDMAN, ELIAHU, US
[72] GRINBERG, SARINA, US
[71] LAUREN SCIENCES LLC, US
[85] 2015-03-03
[86] 2013-09-04 (PCT/US2013/057959)
[87] (WO2014/039503)
[30] US (61/696,781) 2012-09-04

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[13] A1
[51] **Int.Cl. B01D 67/00 (2006.01) C08J 5/18 (2006.01) C08J 9/26 (2006.01) C08L 23/06 (2006.01)**
[25] EN
[54] **MICROPOROUS AND HYDROPHOBIC POLYMERIC HOLLOW FIBER MEMBRANES AND METHODS FOR PREPARATION THEREOF**
[54] **MEMBRANES POLYMERES MICROPOREUSES ET HYDROPHOBES SOUS FORME DE FIBRES CREUSES ET LEURS PROCEDES DE PREPARATION**
[72] ILIUTA, MARIA CORNELIA, CA
[72] RODRIGUE, DENIS, CA
[72] SANAZ, MOSADEGH SEDGHI, CA
[72] BRISSON, JOSEE, CA
[71] UNIVERSITE LAVAL, CA
[85] 2015-03-03
[86] 2013-09-11 (PCT/CA2013/000774)
[87] (WO2014/040171)
[30] US (61/699,348) 2012-09-11

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[13] A1
[51] **Int.Cl. B24D 11/00 (2006.01)**
[25] EN
[54] **FLEXIBLE GRINDING PRODUCT WITH FLATTENED SURFACE AND METHOD FOR MANUFACTURING THE SAME**
[54] **PRODUIT ABRASIF FLEXIBLE AYANT UNE SURFACE APLATIE, ET SON PROCEDE DE FABRICATION**
[72] HOGLUND, GORAN, FI
[72] HEDE, HANS, FI
[72] SCHUMACHER, NICOLAS, FI
[72] SUNDELL, MATS, FI
[72] GRON, JAN, FI
[71] KWH MIRKA LTD., FI
[85] 2015-02-27
[86] 2012-09-05 (PCT/EP2012/067294)
[87] (WO2014/037034)

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[13] A1
[51] **Int.Cl. A61K 9/51 (2006.01) A61K 9/133 (2006.01) A61K 38/00 (2006.01) A61P 25/28 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **BOLAAMPHIPHILIC COMPOUNDS, COMPOSITIONS AND USES THEREOF**
[54] **COMPOSES BOLAAMPHIPHILES, COMPOSITIONS ET LEURS UTILISATIONS**
[72] LINDER, CHARLES, US
[72] HELDMAN, ELIAHU, US
[72] GRINBERG, SARINA, US
[71] LAUREN SCIENCES LLC, US
[85] 2015-03-03
[86] 2013-09-04 (PCT/US2013/057960)
[87] (WO2014/039504)
[30] US (61/696,798) 2012-09-04

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[13] A1
[51] **Int.Cl. C12N 15/82 (2006.01) A01H 5/00 (2006.01) C12N 15/29 (2006.01)**
[25] EN
[54] **ENGINEERED TRANSGENE INTEGRATION PLATFORM (ETIP) FOR GENE TARGETING AND TRAIT STACKING**
[54] **PLATEFORME D'INTEGRATION DE TRANSGENE GENETIQUEMENT MODIFIE (ETIP) POUR LE CIBLAGE GENIQUE ET L'EMPILEMENT DE CARACTERES**
[72] COGAN, NOEL., AU
[72] FORSTER, JOHN, AU
[72] HAYDEN, MATTHEW, AU
[72] SAWBRIDGE, TIM, AU
[72] SPANGENBERG, GERMAN, AU
[72] WEBB, STEVEN R., US
[72] GUPTA, MANJU, US
[72] AINLEY, W. MIKE, US
[72] HENRY, MATTHEW J., US
[72] MASON, JOHN, AU
[72] KUMAR, SANDEEP, US
[72] NOVAK, STEPHEN, US
[71] DOW AGROSCIENCES LLC, US
[85] 2015-03-03
[86] 2013-09-06 (PCT/US2013/058584)
[87] (WO2014/039872)
[30] US (61/697,882) 2012-09-07

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[13] A1
[51] **Int.Cl. E06C 7/48 (2006.01)**
[25] EN
[54] **LADDER SECURING APPARATUSES, LADDERS INCORPORATING SAME AND RELATED METHODS**
[54] **APPAREILS DE FIXATION D'ECHELLES, ECHELLES LES COMPRENANT ET PROCEDES ASSOCIES**
[72] RUSSELL, BRIAN B., US
[72] MOSS, N. RYAN, US
[72] PETERSON, SEAN R., US
[72] PENROD, DARIUS S., US
[72] CRAWFORD, RYAN, US
[72] JONAS, GARY M., US
[71] WING ENTERPRISES, INCORPORATED, US
[85] 2015-02-26
[86] 2013-10-08 (PCT/US2013/063927)
[87] (WO2014/058911)
[30] US (61/711,632) 2012-10-09
[30] US (61/879,508) 2013-09-18

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[13] A1
[51] **Int.Cl. G01N 3/30 (2006.01) A41D 13/00 (2006.01) F41H 1/02 (2006.01) G01M 7/08 (2006.01) G09B 23/30 (2006.01)**
[25] EN
[54] **METHOD OF IMPACT TESTING USING MOUNT ASSEMBLY WITH DEFORMABLE MEMBER**
[54] **PROCEDE D'ANALYSE DE CHOC UTILISANT UN ENSEMBLE MONTURE DOTE D'UN ELEMENT DEFORMABLE**
[72] CARBO, JORGE E., US
[72] MIENTJES, MARTINE, US
[72] ALLISON, JEFFREY D., US
[71] NIKE INNOVATE C.V., US
[85] 2015-03-03
[86] 2013-09-04 (PCT/US2013/057987)
[87] (WO2014/039510)
[30] US (13/604,433) 2012-09-05
[30] US (13/789,000) 2013-03-07

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[13] A1
[51] **Int.Cl. C08K 5/01 (2006.01) A01N 25/10 (2006.01) A01N 25/12 (2006.01) C08L 67/00 (2006.01) C08L 67/04 (2006.01)**
[25] EN
[54] **COMPOSITIONS WITH HOT MELT RESIN MATRIX**
[54] **COMPOSITIONS COMPRENANT UNE MATRICE EN RESINE THERMOFUSIBLE**
[72] ZHANG, SHILING, CN
[72] BECKER, CHRISTIAN, US
[72] YAN, YUNFEI, CN
[72] CHEN, YONGCHUN, CN
[71] ROHM AND HASS COMPANY, US
[85] 2015-03-04
[86] 2012-09-17 (PCT/CN2012/081468)
[87] (WO2014/040288)

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[13] A1
[51] **Int.Cl. A45D 44/00 (2006.01) G01J 3/46 (2006.01)**
[25] EN
[54] **CUSTOM COSMETIC BLENDING MACHINE**
[54] **MACHINE DE MELANGE PERSONNALISE DE PRODUITS COSMETIQUES**
[72] IGARASHI, LARRY Y., US
[71] L'OREAL SA, FR
[85] 2015-03-03
[86] 2013-09-09 (PCT/US2013/058722)
[87] (WO2014/043018)
[30] US (13/621,732) 2012-09-17
[30] US (13/896,557) 2013-05-17

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[13] A1
[51] **Int.Cl. B60R 9/045 (2006.01) B60R 9/10 (2006.01)**
[25] EN
[54] **A CLAMP DEVICE FOR SECURING A LOAD TO A VEHICLE MOUNTED LOAD BAR**
[54] **DISPOSITIF DE SERRAGE PERMETTANT LA FIXATION D'UNE CHARGE A UNE BARRE DE CHARGE MONTEE SUR UN VEHICULE**
[72] FLAHERTY, JOSEPH R., US
[71] THULE SWEDEN AB, SE
[85] 2015-03-04
[86] 2013-07-26 (PCT/US2013/052421)
[87] (WO2014/042770)
[30] US (61/699,804) 2012-09-11

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[13] A1
[51] **Int.Cl. F03G 7/00 (2006.01) F24D 3/18 (2006.01) F24D 19/10 (2006.01) F24J 3/08 (2006.01)**
[25] EN
[54] **THERMAL ENERGY SYSTEM AND METHOD OF OPERATION**
[54] **SYSTEME D'ENERGIE THERMIQUE ET SON PROCEDE DE FONCTIONNEMENT**
[72] ZAYNULIN, DMITRIY, GB
[72] STICKNEY, KEVIN, GB
[71] GREENFIELD MASTER IPCO LTD, GB
[85] 2015-03-03
[86] 2013-09-05 (PCT/EP2013/068398)
[87] (WO2014/037459)
[30] GB (1215840.8) 2012-09-05

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[13] A1
[51] **Int.Cl. C12N 15/82 (2006.01) A01H 5/00 (2006.01) C12Q 1/24 (2006.01)**
[25] EN
[54] **FLUORESCENCE ACTIVATED CELL SORTING (FACS) ENRICHMENT TO GENERATE PLANTS**
[54] **ENRICHISSEMENT PAR TRI CELLULAIRE PAR FLUORESCENCE (FACS) POUR GENERER DES PLANTES**
[72] SPANGENBERG, GERMAN, AU
[72] SAHAB, SAREENA, AU
[72] MASON, JOHN, AU
[71] DOW AGROSCIENCES LLC, US
[85] 2015-03-03
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[54] **COMBINAISONS DE COMPOSES ACTIFS**
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[72] SEITZ, THOMAS, DE
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[54] **PROGRESSIVE AUDIO BALANCE AND FADE IN A MULTI-ZONE LISTENING ENVIRONMENT**
[54] **EQUILIBRAGE ET OUVERTURE EN FONDU PROGRESSIFS DU SON DANS UN ENVIRONNEMENT D'ECOUTE A PLUSIEURS ZONES**
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[71] HARMAN INTERNATIONAL INDUSTRIES, INC., US
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[54] **COMPOSITION LUBRIFIANTE CONTENANT UN RENFORCATEUR DE TBN EXEMPT DE CENDRES**
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[72] FRIEND, CHRISTOPHER L., GB
[72] CIOLLI, CHRISTOPHER J., US
[72] CAPITOSTI, SCOTT, US
[72] DELBRIDGE, EWAN E., US
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[54] **METHODS OF PROCESSING POTASSIUM SULFATE AND MAGNESIUM SULFATE, AND RELATED SYSTEMS**
[54] **PROCEDES DE TRAITEMENT DE SULFATE DE POTASSIUM ET DE SULFATE DE MAGNESIUM, ET SYSTEMES ASSOCIES**
[72] CHASTAIN, STEVEN L., US
[72] MORRISON, MICHAEL J., US
[72] CHASTAIN, RICHARD W., US
[72] FELTON, DONIAL M., US
[72] NEUMAN, THOMAS H., US
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[54] **COMBINAISONS PHARMACEUTIQUES COMPRENANT DES LIANTS DOUBLES ANGIOPOIETINE-2/DLL4 ET DES AGENTS ANTI-VEGF-R**
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[72] BAUM, ANKE, DE
[71] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
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[54] **PROCEDE ET SYSTEME DE SURVEILLANCE DE COMMUNICATIONS DE RESEAU**
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[71] SELECT TECHNOLOGY CORPORATION LIMITED, CA
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[54] **METHODS FOR ASSESSMENT OF PEPTIDE-SPECIFIC IMMUNITY**
[54] **PROCEDES POUR L'ESTIMATION DE L'IMMUNITE SPECIFIQUE D'UN PEPTIDE**
[72] MITSUHASHI, MASATO, US
[71] HITACHI CHEMICAL CO., LTD., JP
[71] HITACHI CHEMICAL CO. AMERICA, LTD., US
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[54] **SYSTEMS AND METHODS FOR INTEGRATED GAME PLAY THROUGH THE USE OF BARCODES ON SMART PHONES AND HAND HELD DEVICES**
[54] **SYSTEMES ET PROCEDES POUR PARTIE DE JEU INTEGREE PAR UTILISATION DE CODES A BARRES SUR DES TELEPHONES INTELLIGENTS ET DES DISPOSITIFS PORTATIFS**
[72] CAGE, DANIEL, US
[72] TASHJIAN, DAVID, US
[72] LEACH, ROY, US
[71] LINQ3 TECHNOLOGIES LLC, US
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[54] **BROSSE A DENTS ELECTRIQUE A ENTRAINEMENT DE MANIERE RESONANTE AYANT UNE CAPACITE DE DETECTION DE PRESSION UTILISANT UN CAPTEUR A EFFET HALL**
[72] MILLER, KEVIN ARNOLD, NL
[71] KONINKLIJKE PHILIPS N.V., NL
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[54] **SOLUTION DE REVETEMENT ET PROCEDE DE REVETEMENT, DESTINES AU REVETEMENT D'UN ALLIAGE CUIVRE-ETAIN PAR REVETEMENT MULTICOUCHE EXEMPT DE CYANURE, ET PIECES DE MONNAIE FABRIQUEES PAR LE PROCEDE**
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[72] XU, WEI, CN
[72] WANG, ZHUOXIN, CN
[72] XU, MIN, CN
[72] SONG, JINHUA, CN
[72] ZHANG, GAOJUN, CN
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[72] WANG, BIN, CN
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[54] **CARBON SEQUESTRATION METHODS AND SYSTEMS, AND COMPOSITIONS PRODUCED THEREBY**
[54] **PROCEDES ET SYSTEMES DE SEQUESTRATION DU CARBONE, ET COMPOSITIONS AINSI PRODUITES**
[72] CONSTANTZ, BRENT RICHARD, US
[72] BEWERNITZ, MARK, US
[72] SCHNEIDER, JACOB, US
[72] CAMIRE, CHRIS, US
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[72] SHANKAR, BAVANI G., US
[72] KOLCZEWSKI, SABINE, DE
[72] LIMBERG, ANJA, CH
[72] PRINSSEN, ERIC, FR
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[72] STOLL, THEODOR, CH
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[54] **SYSTEME DE SUSPENSION POUR UN ATTELAGE**
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[72] EGENTON, WILLIAM, IE
[71] DROMONE ENGINEERING LIMITED, IE
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[72] CAMPBELL, EMMA MICHELLE, GB
[72] DIEFENBACH-STREIBER, BEATE, DE
[72] EBERTH, ADINA, DE
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[72] MARSHALL, SYLWIA, GB
[72] RONDEAU, JEAN-MICHEL RENE, CH
[72] SCHLAEPPI, JEAN-MARC ALFRED, CH
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[54] **ENSEMBLE DE CONSTRUCTION DE JOUET**
[72] SCHILDKNECHT HOE, MIKKEL, DK
[72] RYAA, JAN, DK
[71] LEGO A/S, DK
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[54] **METHODS OF TREATING HAIR RELATED CONDITIONS**
[54] **PROCEDES DE TRAITEMENT DE TROUBLES LIES AU SYSTEME PILEUX**
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[72] PAUS, RALF, DE
[72] RAMOT, YUVAL, IL
[72] BARONI, SERGIO, IT
[72] VITI, FRANCESCA, IT
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[54] **PROCEDE UNIVERSEL POUR DETERMINER LES VALEURS DE SEUIL DE CYCLE DE PCR EN TEMPS REEL**
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[54] **PROCEDE ET DISPOSITIF DE DECONGELATION DE MATIERE BIOLOGIQUE**
[72] KARNIELI, OHAD, IL
[72] SLONIM, TAL, IL
[72] RAVIV, LIOR, IL
[72] GROSS, NUFAR, IL
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[54] **EBAUCHE ET ARTICLE TRICOTE TUBULAIRE A BORD DE MAINTIEN EN SIMPLE EPAISSEUR ET PROCEDE DE FABRICATION D'UN TEL ARTICLE**
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[72] MASSOTTE, LAURENT, FR
[71] DBAPPAREL OPERATIONS, FR
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[54] **PROCEDE ET APPAREIL POUR LE TRAITEMENT D'OISEAUX SUR UN CONVOYEUR**
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[72] JENSEN, JONAS, DK
[72] HAKONSEN, ANDERS JUL, DK
[71] LINCO FOOD SYSTEMS A/S, DK
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[54] **DISPOSITIF DE RECUPERATION DE DIOXYDE DE CARBONE**
[72] NAKAYAMA, KOJI, US
[72] YONEKAWA, TAKAHITO, US
[72] INUI, MASAYUKI, US
[72] TSUJIUCHI, TATSUYA, US
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[54] **PROMEDICAMENTS SOUS FORME D'HYDROGEL**
[72] RAU, HARALD, DE
[72] VOIGT, TOBIAS, DE
[72] LAUFER, BURKHARDT, DE
[72] BISEK, NICOLA, DE
[72] HAHN, FRANZISKA, DE
[72] KNAPPE, THOMAS, DE
[71] ASCENDIS PHARMA A/S, DK
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[54] **METHODS OF INHIBITING HAIR GROWTH**
[54] **PROCEDES D'INHIBITION DE LA CROISSANCE PILEUSE**
[72] GIULIANI, GIAMMARIA, IT
[72] PAUS, RALF, DE
[72] RAMOT, YUVAL, IL
[72] BARONI, SERGIO, IT
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[54] **FASTENING DEVICES FOR EXPLOSION-PROOF ENCLOSURES**
[54] **DISPOSITIFS DE FIXATION POUR ENVELOPPES ANTIDEFLAGRANTES**
[72] MANAHAN, JOSEPH MICHAEL, US
[72] ZHAO, YABIN, US
[71] COOPER TECHNOLOGIES COMPANY, US
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[54] **CONNECTEUR**
[72] STADLER, TOBIAS, DE
[72] HOHER, TOBIAS-LARS, DE
[72] MULLER, THOMAS, DE
[71] ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG, DE
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[54] **ELEMENTS DE SECURITE ET PROCEDE DE FABRICATION DE CES DERNIERS**
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[72] FLEURY, ROLAND, CH
[72] GRIGORENKO, NIKOLAY A., CH
[72] KNOCKE, FRANK, DE
[71] BASF SE, DE
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[54] **MILIEU DE FILTRATION COMPRENANT DE L'AZOTE ET DU SOUFRE**
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[72] MCLARTY, STEVEN D., US
[72] MORENO, ANGELA M., US
[72] SIEDLE, ALLEN R., US
[72] WOOD, THOMAS E., US
[72] DOYLE, MEREDITH M., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[54] **BOITIER A ACCESSOIRES POUR LA COMMANDE DE VOLETS D'UN AERONEF**
[72] LE BORGNE, ERIC, FR
[72] MACHIN, ALEXANDRE, FR
[71] TURBOMECA, FR
[85] 2015-03-03
[86] 2013-08-27 (PCT/FR2013/051978)
[87] (WO2014/037650)
[30] FR (1258289) 2012-09-05

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[13] A1
[51] **Int.Cl. H02J 3/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PROVIDING PERIODIC ELECTRICAL ISOLATION IN A POWER SYSTEM, SUCH AS A SOLAR POWER GENERATION SYSTEM**
[54] **SYSTEME ET PROCEDE ASSURANT L'ISOLATION ELECTRIQUE PERIODIQUE D'UN SYSTEME ELECTRIQUE TEL QU'UN SYSTEME DE CENTRALE SOLAIRE ELECTRIQUE**
[72] OPILA, DANIEL FRANCIS, US
[71] GE ENERGY POWER CONVERSION TECHNOLOGY LTD, GB
[85] 2015-03-05
[86] 2013-09-16 (PCT/IB2013/002778)
[87] (WO2014/045125)
[30] US (61/702,501) 2012-09-18

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[13] A1
[51] **Int.Cl. A01K 1/01 (2006.01) A01K 1/015 (2006.01) A01K 1/035 (2006.01)**
[25] EN
[54] **EXTRUDED SELF-CLUMPING ANIMAL LITTER AND METHOD OF MAKING EXTRUDED SELF-CLUMPING ANIMAL LITTER**
[54] **LITIERE POUR ANIMAUX, AUTO-AGGLOMERANTE, EXTRUDEE, ET PROCEDE DE FABRICATION DE LITIERE POUR ANIMAUX AUTO-AGGLOMERANTE, EXTRUDEE**
[72] LIPSCOMB, JOHN M., US
[72] REPINSKI, SCOTT, US
[71] PIONEER PET PRODUCTS, LLC, US
[85] 2015-03-03
[86] 2013-09-11 (PCT/US2013/059284)
[87] (WO2014/043249)
[30] US (61/699,858) 2012-09-11
[30] US (61/775,707) 2013-03-11
[30] US (13/842,534) 2013-03-15
[30] US (13/868,084) 2013-04-22
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[13] A1
[51] **Int.Cl. G06F 3/0489 (2013.01)**
[25] EN
[54] **EXECUTING SECONDARY ACTIONS WITH RESPECT TO ONSCREEN OBJECTS**
[54] **EXECUTION D'ACTIONS SECONDAIRES SE RAPPORTANT A DES OBJETS A L'ECRAN**
[72] LEVENTHAL, AARON M., US
[72] BIGHAM, JEFFREY P., US
[71] AI SQUARED, US
[85] 2015-03-04
[86] 2013-09-04 (PCT/US2013/057999)
[87] (WO2014/039520)
[30] US (61/697,054) 2012-09-05

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[13] A1
[51] **Int.Cl. C12N 15/66 (2006.01) C07H 21/02 (2006.01) C07H 21/04 (2006.01) C12N 5/04 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **FAD2 PERFORMANCE LOCI AND CORRESPONDING TARGET SITE SPECIFIC BINDING PROTEINS CAPABLE OF INDUCING TARGETED BREAKS**
[54] **LOCI DE PERFORMANCE FAD2 ET PROTEINES CORRESPONDANTES DE LIAISON SPECIFIQUE D'UN SITE CIBLE CAPABLES D'INDUIRE DES CASSURES CIBLEES**
[72] AINLEY, WILLIAM MICHAEL., US
[72] WEBB, STEVEN R., US
[72] SAMUEL, PON, US
[72] GUSCHIN, DMITRY Y., US
[72] MILLER, JEFFREY C., US
[72] ZHANG, LEI, US
[71] DOW AGROSCIENCES LLC, US
[71] SANGAMO BIOSCIENCES, INC., US
[85] 2015-03-04
[86] 2013-09-05 (PCT/US2013/058299)
[87] (WO2014/039702)
[30] US (61/697,886) 2012-09-07

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[51] **Int.Cl. A61G 13/00 (2006.01) A61F 5/04 (2006.01) A61F 5/37 (2006.01) A61G 13/12 (2006.01)**
[25] EN
[54] **APPARATUS FOR POSITIONING THE LOWER LIMB OF A PATIENT DURING OPERATION, IN PARTICULAR FOR HIP REPLACEMENT OPERATIONS WITH ANTERIOR APPROACH, AND SURGICAL POSITIONING SYSTEM COMPRISING SAID APPARATUS**
[54] **APPAREIL POUR POSITIONNER LE MEMBRE INFERIEUR D'UN PATIENT PENDANT UNE OPERATION, EN PARTICULIER PENDANT DES OPERATIONS DE REMPLACEMENT DE HANCHE A APPROCHE ANTERIEURE, ET SYSTEMEDE POSITIONNEMENT CHIRURGICAL COMPRENANT LEDIT APPAREIL**
[72] BERNARDONI, MASSIMILIANO, CH
[72] GIARDIELLO, MIRKO, CH
[72] SICCARDI, ALBERTO, CH
[72] SICCARDI, FRANCESCO, CH
[71] MEDACTA INTERNATIONAL S.A., CH
[85] 2015-03-05
[86] 2013-09-17 (PCT/IB2013/058616)
[87] (WO2014/045199)
[30] IT (MI2012A 001548) 2012-09-18

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[13] A1
[51] **Int.Cl. C08J 3/12 (2006.01) B01J 20/04 (2006.01) B29B 9/10 (2006.01)**
[25] EN
[54] **METHOD OF MAKING EXTRUDED SELF-CLUMPING GRANULAR ABSORBENT**
[54] **PROCEDE DE FABRICATION PAR EXTRUSION D'UN ABSORBANT GRANULAIRE A AUTO-AGREGATION**
[72] LIPSCOMB, JOHN M., US
[72] REPINSKI, SCOTT, US
[72] STEIN, DAVID D., US
[71] PIONEER PET PRODUCTS, LLC, US
[85] 2015-03-03
[86] 2013-09-11 (PCT/US2013/059325)
[87] (WO2014/043284)
[30] US (61/699,858) 2012-09-11
[30] US (61/775,707) 2013-03-11
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[30] US (13/868,073) 2013-04-22
[30] US (13/868,084) 2013-04-22

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[13] A1
[51] **Int.Cl. G06F 3/0484 (2013.01) G06F 9/44 (2006.01)**
[25] EN
[54] **APPLYING ENHANCEMENTS TO VISUAL CONTENT**
[54] **APPLICATION D'AMELIORATIONS A UN CONTENU VISUEL**
[72] LEVENTHAL, AARON M., US
[72] BIGHAM, JEFFREY P., US
[71] AI SQUARED, US
[85] 2015-03-04
[86] 2013-09-04 (PCT/US2013/058018)
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[30] US (61/697,054) 2012-09-05

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[13] A1
[51] **Int.Cl. B29C 70/44 (2006.01) B29C 33/30 (2006.01) B29C 70/46 (2006.01)**
[25] EN
[54] **APPARATUS FOR MANUFACTURING A FLANGED COMPONENT AND METHOD OF MANUFACTURING THE SAME**
[54] **APPAREIL DE FABRICATION D'UN COMPOSANT A BRIDE ET SON PROCEDE DE FABRICATION**
[72] KIRKPATRICK, BOWDEN, US
[72] SCHULTE, ELLIOTT KELLER, US
[72] VERMILYEA, MARK ERNEST, US
[72] BOYER, MITCHELL HAROLD, US
[72] XIE, MING, US
[72] FERRELL, BENJAMIN WAYNE, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2015-03-05
[86] 2013-08-15 (PCT/US2013/055108)
[87] (WO2014/042813)
[30] US (13/618,582) 2012-09-14

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[13] A1
[51] **Int.Cl. A01N 43/42 (2006.01) A61K 31/44 (2006.01)**
[25] EN
[54] **METHODS OF IMPROVING LONG-TERM SURVIVAL AND REDUCING HOSPITALIZATION READMISSION RATES FOR SUBJECTS SUFFERING FROM HEPATIC ENCEPHALOPATHY**
[54] **METHODES D'AMELIORATION DE LA SURVIE A LONG TERME ET DE REDUCTION DES TAUX DE READMISSION A L'HOPITAL CHEZ DES PATIENTS SOUFFRANT D'UNE ENCEPHALOPATHIE HEPATIQUE**
[72] NEFF, GUY, US
[71] SALIX PHARMACEUTICALS, INC., US
[85] 2015-03-03
[86] 2013-09-13 (PCT/US2013/059590)
[87] (WO2014/043433)
[30] US (61/700,862) 2012-09-13

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[13] A1
[51] **Int.Cl. A61B 5/02 (2006.01) A63B 24/00 (2006.01) G06F 1/16 (2006.01)**
[25] EN
[54] **SYSTEMS, DEVICES AND METHODS FOR CONTINUOUS HEART RATE MONITORING AND INTERPRETATION**
[54] **SYSTEMES, DISPOSITIFS ET PROCEDES DE SURVEILLANCE ET D'INTERPRETATION CONTINUES DE LA FREQUENCE CARDIAQUE**
[72] AHMED, WILLIAM, US
[72] CAPODILUPO, JOHN, US
[72] NICOLAE, AURELIAN, US
[71] WHOOP, INC., US
[85] 2015-03-04
[86] 2013-09-04 (PCT/US2013/058077)
[87] (WO2014/039567)
[30] US (61/696,525) 2012-09-04
[30] US (61/736,310) 2012-12-12

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[13] A1
[51] **Int.Cl. C08F 10/00 (2006.01) C08F 2/00 (2006.01) C08F 2/34 (2006.01) G01N 33/44 (2006.01)**
[25] EN
[54] **CONTROLLING A POLYOLEFIN REACTION**
[54] **REGULATION D'UNE REACTION DE PRODUCTION DE POLYOLEFINE**
[72] HARI, ABARAJITH S., US
[72] SAVATSKY, BRUCE J., US
[72] GLOWCZWSKI, DAVID M., US
[72] CAO, XIANYI, US
[71] UNIVATION TECHNOLOGIES, LLC, US
[85] 2015-03-05
[86] 2013-09-04 (PCT/US2013/057998)
[87] (WO2014/039519)
[30] US (61/698,278) 2012-09-07

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[51] **Int.Cl. A61K 31/439 (2006.01) A61K 9/00 (2006.01) A61L 29/14 (2006.01) A61L 29/16 (2006.01) A61L 31/16 (2006.01) A61M 31/00 (2006.01) A61P 13/00 (2006.01) A61P 13/10 (2006.01)**
[25] EN
[54] **DRUG DELIVERY SYSTEMS AND METHODS FOR TREATMENT OF BLADDER VOIDING DYSFUNCTION|AND OTHER LOWER URINARY TRACT DISORDERS BY USING TROSPIUM**
[54] **SYSTEMES ET PROCEDES D'ADMINISTRATION DE MEDICAMENT POUR LE TRAITEMENT D'UN DYSFONCTIONNEMENT DE LA VIDANGE DE LA VESSIE ET D'AUTRES TROUBLES DU TRACTUS URINAIRE INFERIEUR**
[72] GIESING, DENNIS, US
[71] TARIS BIOMEDICAL LLC, US
[85] 2015-03-03
[86] 2013-09-18 (PCT/US2013/060479)
[87] (WO2014/047221)
[30] US (61/702,576) 2012-09-18

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[13] A1
[51] **Int.Cl. G06Q 20/38 (2012.01) G06Q 20/40 (2012.01) G07F 7/10 (2006.01)**
[25] EN
[54] **FINANCIAL TRANSACTIONS WITH A VARYING PIN**
[54] **TRANSACTIONS FINANCIERES UTILISANT UN NUMERO D'IDENTIFICATION PERSONNEL (PIN) VARIABLE**
[72] BELAMANT, SERGE CHRISTIAN PIERRE, ZA
[71] NET1 UEPS TECHNOLOGIES, INC., ZA
[85] 2015-03-03
[86] 2013-09-03 (PCT/IB2013/058241)
[87] (WO2014/037869)
[30] US (61/696,726) 2012-09-04

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[13] A1
[51] **Int.Cl. A23L 1/325 (2006.01) A23L 1/33 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING PROCESSED AQUATIC FOOD AND ENZYME PREPARATION FOR MODIFYING PROPERTY OF PROCESSED AQUATIC FOOD**
[54] **PROCEDE POUR PRODUIRE UN PRODUIT DE LA MER TRANSFORME ET PREPARATION ENZYMATIQUE POUR MODIFIER LE PRODUIT DE LA MER TRANSFORME**
[72] SATO, HIROAKI, JP
[72] NAKAGOSHI, HIROYUKI, JP
[72] KAWAUCHI, MASATO, JP
[71] AJINOMOTO CO., INC., JP
[85] 2015-03-03
[86] 2013-09-11 (PCT/JP2013/075217)
[87] (WO2014/042279)
[30] JP (2012-200048) 2012-09-12

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[51] **Int.Cl. F01D 5/30 (2006.01) F01D 5/14 (2006.01) F01D 11/00 (2006.01) F04D 29/32 (2006.01)**
[25] EN
[54] **LOW RADIUS RATIO FAN FOR A GAS TURBINE ENGINE**
[54] **VENTILATEUR A FAIBLE RAPPORT DE RAYON POUR UN MOTEUR DE TURBINE A GAZ**
[72] LAMBOY, JORGE ORLANDO, US
[72] KRAY, NICHOLAS JOSEPH, US
[72] PAULEY, GERALD ALEXANDER, US
[72] LI, QIANG, US
[72] WILKIN, DANIEL ALLEN, II, US
[72] DAVIS, TOD WINTON, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2015-03-05
[86] 2013-09-09 (PCT/US2013/058771)
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[30] US (13/608,754) 2012-09-10

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[51] **Int.Cl. G06F 3/0481 (2013.01)**
[25] EN
[54] **SELECTING TECHNIQUES FOR ENHANCING VISUAL ACCESSIBILITY BASED ON HEALTH OF DISPLAY**
[54] **TECHNIQUES DE SELECTION POUR AMELIORER L'ACCESSIBILITE VISUELLE SUR LA BASE DE L'ETAT D'UN AFFICHAGE**
[72] LEVENTHAL, AARON M., US
[72] BIGHAM, JEFFREY P., US
[71] AI SQUARED, US
[85] 2015-03-04
[86] 2013-09-04 (PCT/US2013/058098)
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[30] US (61/697,054) 2012-09-05

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[13] A1
[51] **Int.Cl. F21V 7/06 (2006.01) F21S 10/00 (2006.01) F21V 7/04 (2006.01) F21V 23/04 (2006.01)**
[25] EN
[54] **VARIABLE-BEAM LIGHT SOURCE AND RELATED METHODS**
[54] **SOURCE LUMINEUSE A FAISCEAU VARIABLE ET PROCEDES ASSOCIES**
[72] CATALANO, ANTHONY W., US
[71] TERRALUX, INC., US
[85] 2015-03-03
[86] 2013-09-24 (PCT/US2013/061378)
[87] (WO2014/047621)
[30] US (61/704,717) 2012-09-24
[30] US (61/844,156) 2013-07-09

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[51] **Int.Cl. C30B 28/00 (2006.01) C30B 29/04 (2006.01) E21B 10/46 (2006.01)**
[25] EN
[54] **SELECTIVELY LEACHED, POLYCRYSTALLINE STRUCTURES FOR CUTTING ELEMENTS OF DRILL BITS**
[54] **STRUCTURES POLYCRISTALLINES LIXIVIEES SELECTIVEMENT POUR DES ELEMENTS DE COUPE OU DES TREPANS**
[72] MUMMA, MATTHEW DOUGLAS, US
[72] MURDOCK, ANDREW DAVID, US
[72] CLEGG, JOHN MARTIN, US
[72] DUBOSE, WILLIAM HENRY, US
[72] BOWDEN, NEAL ALAN, US
[71] ULTERRA DRILLING TECHNOLOGIES, L.P., US
[85] 2015-03-04
[86] 2013-09-05 (PCT/US2013/058222)
[87] (WO2014/039649)
[30] US (61/698,558) 2012-09-07

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[13] A1
[51] **Int.Cl. H04L 29/08 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING CONDITIONAL ACCESS TO TRANSMITTED INFORMATION**
[54] **SYSTEME ET PROCEDE SERVANT A DONNER UN ACCES CONDITIONNEL A DES INFORMATIONS TRANSMISES**
[72] VAJJHALA, VARAPRASAD, US
[72] JOSEPH, DEEPAK, US
[72] MEIYAPPAN, SUBRAMANIAN, US
[72] RAGHUPATHY, ARUN, IN
[71] NEXTNAV LLC, US
[85] 2015-03-05
[86] 2013-09-10 (PCT/US2013/059102)
[87] (WO2014/043147)
[30] US (61/699,800) 2012-09-11
[30] US (14/010,437) 2013-08-26
[30] US (14/023,427) 2013-09-10

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[13] A1
[51] **Int.Cl. E03B 3/02 (2006.01)**
[25] EN
[54] **IMPROVEMENTS IN WATER STORAGE DEVICES AND APPARATUSES THEREFOR**
[54] **PERFECTIONNEMENTS APPORTES A DES DISPOSITIFS DE STOCKAGE D'EAU ET LEURS APPAREILS**
[72] WOOD, BJORN, GB
[71] WOOD, BJORN, GB
[85] 2015-03-06
[86] 2013-09-09 (PCT/GB2013/052357)
[87] (WO2014/037747)
[30] GB (1215981.0) 2012-09-07

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[13] A1
[51] **Int.Cl. A61B 17/16 (2006.01) B23B 51/00 (2006.01)**
[25] EN
[54] **SURGICAL BUR WITH FLUTES HAVING RAKE SURFACES THAT VARY IN BOTH HELIX ANGLE AND RAKE ANGLE**
[54] **FRAISE CHIRURGICALE COMPORTANT DES GOUJURES AYANT DES SURFACES DE RATEAU AYANT UN ANGLE D'HELICE ET UN ANGLE DE RATEAU QUI VARIENT**
[72] BURKE, THOMAS GERARD, IE
[72] GUBELLINI, MATTEO, IE
[71] STRYKER IRELAND, LTD., IE
[85] 2015-03-06
[86] 2013-09-06 (PCT/EP2013/068502)
[87] (WO2014/037518)
[30] US (61/698,255) 2012-09-07

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[13] A1
[51] **Int.Cl. A61N 1/36 (2006.01) A61N 1/05 (2006.01) A61N 1/378 (2006.01)**
[25] EN
[54] **NASAL STIMULATION DEVICES AND METHODS**
[54] **DISPOSITIFS ET PROCEDES DE STIMULATION NASALE**
[72] ACKERMANN, DOUGLAS MICHAEL, US
[72] LOUDIN, JAMES DONALD, US
[72] WARDLE, JOHN, US
[72] BALDWIN, JARREN ARMOND, US
[72] HAMILTON, DANIEL N., US
[72] KUZMA, JANUSZ, AU
[72] STIVERS, CHRISTOPHER WILLIAM, US
[71] OCULEVE, INC., US
[85] 2015-03-03
[86] 2014-04-18 (PCT/US2014/034733)
[87] (WO2014/172693)
[30] US (61/814,166) 2013-04-19
[30] US (61/860,839) 2013-07-31

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[13] A1
[51] **Int.Cl. F16B 45/02 (2006.01)**
[25] EN
[54] **IMPROVED SNAP HOOK**
[54] **MOUSQUETON AMELIORE**
[72] MILLAR, RICHARD HUGH, AU
[71] CAPITAL SAFETY GROUP (AUSTRALIA) PTY LIMITED, AU
[85] 2015-03-04
[86] 2013-04-24 (PCT/AU2013/000418)
[87] (WO2014/040114)
[30] AU (2012903963) 2012-09-11

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[13] A1
[51] **Int.Cl. E06B 3/66 (2006.01) E06B 3/673 (2006.01)**
[25] EN
[54] **TRIPLE-GLAZED INSULATING UNIT WITH IMPROVED EDGE INSULATION**
[54] **UNITE ISOLANTE A TRIPLE VITRAGE COMPRENANT ISOLATION DE BORDS AMELIOREE**
[72] GOODWIN, GEORGE B., US
[72] BUCHANAN, MICHAEL J., US
[71] PPG INDUSTRIES OHIO, INC., US
[85] 2015-03-06
[86] 2013-07-12 (PCT/US2013/050185)
[87] (WO2014/046768)
[30] US (13/623,915) 2012-09-21

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[13] A1
[51] **Int.Cl. C10G 2/00 (2006.01) C01B 3/38 (2006.01) C01B 3/50 (2006.01) C01B 3/56 (2006.01)**
[25] EN
[54] **METHOD FOR STARTING-UP A GAS TO LIQUID PROCESS**
[54] **PROCEDE POUR LE DEMARRAGE D'UN PROCEDE DE CONVERSION DE GAZ EN CARBURANT LIQUIDE**
[72] DAHL, PER JUUL, DK
[72] ANDERSEN, STEFAN, DK
[71] HALDOR TOPSOE A/S, DK
[85] 2015-03-04
[86] 2013-08-15 (PCT/EP2013/067055)
[87] (WO2014/037201)
[30] EP (PCT/EP2012/067316) 2012-09-05

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[13] A1
[51] **Int.Cl. A61K 31/045 (2006.01) A61P 39/06 (2006.01)**
[25] EN
[54] **QUINONE DERIVATIVES FOR USE IN THE MODULATION OF REDOX STATUS OF INDIVIDUALS**
[54] **DERIVES QUINONE DESTINES A ETRE UTILISES DANS LA MODULATION DE L'ETAT D'OXYDOREDUCTION CHEZ DES INDIVIDUS**
[72] MILLER, GUY M., US
[72] SHRADER, WILLIAM D., US
[72] KHEIFETS, VIKTORIA, US
[71] EDISON PHARMACEUTICALS, INC., US
[85] 2015-03-06
[86] 2013-09-06 (PCT/US2013/058568)
[87] (WO2014/039862)
[30] US (61/698,431) 2012-09-07
[30] US (61/792,797) 2013-03-15

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[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 16/22 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMBINATIONS COMPRISING DUAL ANGIOPOIETIN-2 / DLL4 BINDERS AND ANTI-VEGF AGENTS**
[54] **COMBINAISONS PHARMACEUTIQUES COMPRENANT DES LIANTS DOUBLES ANGIOPOIETINE-2/DLL4 ET DES AGENTS ANTI-VEGF**
[72] GSCHWIND, ANDREAS, DE
[72] BAUM, ANKE, DE
[71] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
[85] 2015-03-04
[86] 2013-09-26 (PCT/EP2013/070144)
[87] (WO2014/049100)
[30] EP (12186696.6) 2012-09-28

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[13] A1
[51] **Int.Cl. G01Q 60/30 (2010.01)**
[25] FR
[54] **METHOD FOR MEASURING SURFACE POTENTIALS ON POLARISED DEVICES**
[54] **PROCEDE POUR LA MESURE DE POTENTIELS DE SURFACE SUR DES DISPOSITIFS POLARISES**
[72] GIRAUDET, LOUIS, FR
[72] BERCU, NICOLAE BOGDAN, FR
[72] SIMONETTI, OLIVIER, FR
[72] NICOLAS, JEAN-LOUIS, FR
[72] MOLINARI, MICHAEL, FR
[71] UNIVERSITE DE REIMS CHAMPAGNE ARDENNE, FR
[85] 2015-03-04
[86] 2013-09-18 (PCT/FR2013/052140)
[87] (WO2014/044966)
[30] FR (1258747) 2012-09-18

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[13] A1
[51] **Int.Cl. A61K 31/045 (2006.01) A61K 31/16 (2006.01) A61K 31/19 (2006.01) A61K 31/277 (2006.01) A61P 39/06 (2006.01) C07C 33/02 (2006.01) C07C 33/04 (2006.01) C07C 53/126 (2006.01) C07C 233/11 (2006.01) C07C 255/01 (2006.01)**
[25] EN
[54] **BENZOQUINONE DERIVATIVES FOR TREATING OXIDATIVE STRESS DISORDERS**
[54] **DERIVES DE BENZOQUINONE DE TRAITEMENT DE TROUBLES LIES AU STRESS OXYDATIF**
[72] SHRADER, WILLIAM D., US
[72] HINMAN, ANDREW W., US
[72] KHEIFETS, VIKTORIA, US
[71] EDISON PHARMACEUTICALS, INC., US
[85] 2015-03-06
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[54] **AUCTION-BASED RESOURCE SHARING FOR MESSAGE QUEUES IN AN ON-DEMAND SERVICES ENVIRONMENT**
[54] **PARTAGE DE RESSOURCES A BASE D'ENCHERE POUR FILES D'ATTENTE DE MESSAGES DANS UN ENVIRONNEMENT DE SERVICES A LA DEMANDE**
[72] WANG, XIAODAN, US
[71] SALESFORCE.COM, INC., US
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[54] **CATTLE FLOOR**
[54] **SOL POUR BOVINS**
[72] VAN RAAM, CAROLUS HERMANUS, NL
[72] SHUTTLEWORTH, ANDREW BRYAN, GB
[72] CULLETON, PAUL DAVID, GB
[71] PERMAVOID LIMITED, GB
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[54] **METHOD AND SYSTEM FOR TREATMENT OF BIOLOGICAL TISSUE**
[54] **PROCEDE ET SYSTEME POUR LE TRAITEMENT D'UN TISSU BIOLOGIQUE**
[72] MATHENY, ROBERT G., US
[71] CORMATRIX CARDIOVASCULAR, INC., US
[85] 2015-03-03
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[54] **TRANSITION DUCT FOR USE IN A TURBINE ENGINE AND METHOD OF ASSEMBLY**
[54] **CONDUIT DE TRANSITION A UTILISER DANS UN MOTEUR DE TURBINE ET PROCEDE D'ASSEMBLAGE**
[72] MACHINAIM, JOSEPH, IN
[72] KEITH, BRIAN DAVID, US
[72] CARSON, SCOTT MICHAEL, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2015-03-05
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[54] **CONSTRUCTION COMPRISING TIE LAYER**
[54] **CONSTRUCTION COMPRENANT UNE COUCHE DE LIAISON**
[72] KEUNG, JAY KIN MING, US
[72] RODGERS, MICHAEL BRENDAN, US
[72] SHANNON, PORTER C., US
[72] TSOU, ANDY HAISHUNG, US
[72] HARA, YUICHI, JP
[72] SHIBATA, HIROKAZU, JP
[72] SOEDA, YOSHIHIRO, JP
[71] EXXONMOBIL CHEMICAL PATENTS INC., US
[71] THE YOKOHAMA RUBBER CO., LTD., JP
[85] 2015-03-06
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[54] **TREATMENT OF DIARRHEA AND POST-WEANING DIARRHEA WITH RESISTANT POTATO STARCH**
[54] **TRAITEMENT D'UNE DIARRHEE ET D'UNE DIARRHEE POST-SEVRAGE PAR DE L'AMIDON DE POMME DE TERRE RESISTANT**
[72] MCLAREN, DEREK, CA
[72] MCLAREN, EARL, CA
[71] MCPHARMA BIOTECH INC., CA
[85] 2015-03-05
[86] 2013-09-06 (PCT/CA2013/050689)
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[54] **IDENTIFICATION OF PATIENTS WITH ABNORMAL FRACTIONAL SHORTENING**
[54] **IDENTIFICATION DE PATIENTS A FRACTION DE RACCOURCISSEMENT ANORMALE**
[72] BLOCK, DIRK, DE
[72] MASSON, SERGE, IT
[72] WIENHUES-THELEN, URSULA-HENRIKE, DE
[72] ZAUGG, CHRISTIAN, CH
[72] LATINI, ROBERTO, IT
[71] F. HOFFMAN-LA ROCHE AG, CH
[85] 2015-03-05
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[54] **RIGID POLYURETHANE FOAMS WITH REDUCED SHRINKAGE**
[54] **MOUSSES DE POLYURETHANE RIGIDES PRESENTANT UN RETRAIT REDUIT**
[72] BALBO BLOCK, MARCO, DE
[72] WANG, YAYUN, CN
[72] HWANG, CHEUL HYEON, KR
[72] XI, BANGWEI, DE
[71] BASF SE, DE
[85] 2015-03-05
[86] 2013-09-06 (PCT/EP2013/068421)
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[54] **AN ALIGNMENT DEVICE FOR A TURBOMACHINE COMPONENT AND TURBOMACHINE INCLUDING SUCH DEVICE**
[54] **DISPOSITIF D'ALIGNEMENT POUR COMPOSANT DE TURBOMACHINE ET TURBOMACHINE COMPRENANT CE DISPOSITIF**
[72] MARUCCI, DANIELE, IT
[72] AVANZINI, ANDREA, IT
[72] LAZZERI, MARCO, IT
[72] FRETTALLONE, MARCO, IT
[71] NUOVO PIGNONE SRL, IT
[85] 2015-03-05
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[54] **DISPOSITIF D'INTERVENTION**
[72] BRATBAK, DANIEL FOSSUM, NO
[72] NORDGARD, STALE, NO
[71] NORWEGIAN UNIVERSITY OF SCIENCE AND TECHNOLOGY (NTNU), NO
[85] 2015-03-05
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[54] **COMPOUNDS AND METHODS FOR KINASE MODULATION, AND INDICATIONS THEREFOR**
[54] **COMPOSES ET PROCEDES POUR LA MODULATION DES KINASES, ET LEURS INDICATIONS**
[72] LIN, JACK, US
[72] BUELL, JOHN, US
[72] CHAN, KATRINA, US
[72] EWING, TODD, US
[72] IBRAHIM, PRABHA N., US
[72] NESPI, MARIKA, US
[72] PHAM, PHUONGLY, US
[72] SHI, SONGYUAN, US
[72] SPEVAK, WAYNE, US
[72] WU, GUOXIAN, US
[72] ZHANG, JIAZHONG, US
[72] ZHANG, YING, US
[71] PLEXXIKON INC., US
[85] 2015-03-04
[86] 2013-09-05 (PCT/US2013/058320)
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[54] **GAS LIFT VALVE**
[54] **SOUPAPE DE POUSSEE DE GAZ**
[72] TIONG, WINSON, SG
[72] WANG, CHAO, US
[72] YU SHAN, CHRIS LI, SG
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2015-03-04
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[54] **TREATING HEARING LOSS**
[54] **TRAITEMENT DE LA PERTE AUDITIVE**
[72] EDGE, ALBERT, US
[72] OKANO, HIDEYUKI, JP
[72] FUJIOKA, MASATO, JP
[72] MIZUTARI, KUNIO, JP
[71] MASSACHUSETTS EYE & EAR INFIRMARY, US
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[54] **HUILE DE COLZA OMEGA-9 MELANGEE AVEC DHA**
[72] SYED, ASIM, US
[72] DZISIAK, DAVID, CA
[72] GILLISON, ROBERT, US
[72] HSU, CHIAPING CHARLES, US
[72] WANG-NOLAN, WEI, US
[72] SENANAYAKE, S. P. JANAKA NAMAL, US
[71] DOW AGROSCIENCES LLC, US
[71] DSM IP ASSETS B.V., NL
[85] 2015-03-04
[86] 2013-09-10 (PCT/US2013/058860)
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[54] **ACCESS UNIT INDEPENDENT CODED PICTURE BUFFER REMOVAL TIMES IN VIDEO CODING**
[54] **OCCURRENCES DE SUPPRESSION DANS UNE MEMOIRE TAMPON D'IMAGES CODEES INDEPENDANTES DES UNITES D'ACCES DANS LE VIDEOCODAGE**
[72] WANG, YE-KUI, US
[71] QUALCOMM INCORPORATED, US
[85] 2015-03-04
[86] 2013-09-23 (PCT/US2013/061217)
[87] (WO2014/047577)
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[54] **MERCURY MONITORING SYSTEMS AND METHODS**
[54] **SYSTEMES ET METHODES DE SURVEILLANCE DU MERCURE**
[72] GUNTHER, STEVE, US
[72] CRESWELL, JOEL, US
[72] DAVIES, COLIN, US
[72] HAUGAARD, ERIK ROSS, US
[71] BROOKS RAND INC., US
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[54] **ELECTROCHEMICAL CO-PRODUCTION OF PRODUCTS WITH CARBON-BASED REACTANT FEED TO ANODE**
[54] **COPRODUCTION DE PRODUITS PAR VOIE ELECTROCHIMIQUE PAR LA MISE EN CONTACT D'UNE ANODE AVEC UNE CHARGE DE REACTIF A BASE DE CARBONE**
[72] TEAMEY, KYLE, US
[72] KACZUR, JERRY J., US
[71] LIQUID LIGHT, INC., US
[85] 2015-03-03
[86] 2013-08-05 (PCT/US2013/053580)
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[30] US (61/703,229) 2012-09-19
[30] US (61/703,158) 2012-09-19
[30] US (61/703,175) 2012-09-19
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[54] **SYSTEMS AND METHODS TO DETECT RARE MUTATIONS AND COPY NUMBER VARIATION**
[54] **SYSTEMES ET PROCEDES POUR DETECTER DES MUTATIONS RARES ET UNE VARIATION DE NOMBRE DE COPIES**
[72] TALASAZ, AMIR ALI, US
[72] ELTOUKHY, HELMY, US
[71] GUARDANT HEALTH, INC., US
[85] 2015-03-03
[86] 2013-09-04 (PCT/US2013/058061)
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[30] US (61/696,734) 2012-09-04
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[54] **SYSTEMS AND METHODS FOR FACILITATING THE PURCHASE OF ONE OR MORE VEHICLES**
[54] **SYSTEMES ET PROCEDES POUR FACILITER L'ACHAT D'UN OU PLUSIEURS VEHICULES**
[72] HYGEMA, MELANIE ALLGOOD, US
[72] KELLY, BRETT MICHAEL, US
[72] ZAVITZ, BRIAN CAMERON, US
[72] RUSSEK, PAMELA ANN, US
[72] PUENTE, JOSE IGNACIO, US
[72] PARK, NICHOLAS JAMES, US
[71] AUTOTRADER.COM, INC., US
[85] 2015-02-26
[86] 2013-09-03 (PCT/US2013/057844)
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[54] **RETRACTABLE SHEATH DEVICES, SYSTEMS, AND METHODS**
[54] **DISPOSITIFS, SYSTEMES ET PROCEDES DE GAINE RETRACTABLE**
[72] CAMPBELL, CAREY V., US
[72] CLEEK, ROBERT L., US
[72] CULLY, EDWARD H., US
[72] HEICKSEN, PETER, US
[72] HOLLAND, THERESA A., US
[72] KRANZLER, THANE L., US
[72] LI, MEI, US
[72] STEINHAUS, BRUCE M., US
[72] TRAPP, BENJAMIN M., US
[72] TRIEBES, THOMAS G., US
[72] VONESH, MICHAEL J., US
[71] W.L. GORE & ASSOCIATES, INC., US
[85] 2015-03-03
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[30] US (61/789,949) 2013-03-15
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR INHIBITING ACTIVITY OF HYPOXIA-INDUCIBLE TRANSCRIPTION FACTOR COMPLEX AND ITS USE FOR TREATMENT OF TUMORS**
[54] **COMPOSITIONS ET PROCEDES D'INHIBITION DE L'ACTIVITE DU COMPLEXE DE FACTEUR DE TRANSCRIPTION INDUCTIBLE PAR L'HYPOXIE, ET UTILISATION DANS LE TRAITEMENT DE TUMEURS**
[72] OLENYUK, BOGDAN Z., US
[72] DUBEY, RAMIN, US
[72] LEVIN, MICHAEL D., US
[71] UNIVERSITY OF SOUTHERN CALIFORNIA, US
[85] 2015-02-27
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[54] **MARKERS AND METHODS FOR DETECTING POSTTRAUMATIC STRESS DISORDER (PTSD)**
[54] **MARQUEURS ET PROCEDES PERMETTANT DE DETECTER UN ETAT DE STRESS POST-TRAUMATIQUE (ESPT)**
[72] HOOD, LEROY, US
[72] WANG, KAI, US
[72] LEE, INYOUL, US
[72] ZHOU, YONG, US
[72] CHO, JI HOON, US
[72] GHOSH, DHIMANKRISHNA, US
[71] INSTITUTE FOR SYSTEMS BIOLOGY, US
[85] 2015-03-03
[86] 2013-09-06 (PCT/US2013/058608)
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[25] EN
[54] **PREFILLED POULTICE WRAPS AND SYSTEMS**
[54] **EMBALLAGES DE CATAPLASME PREREMPLIS ET SYSTEMES**
[72] BLOUGH, CHAD ERIC, CA
[72] ROGERS, JOHN DAVID, CA
[72] PHILLIPS, JAMES MICHAEL, CA
[71] BLOUGH, CHAD ERIC, CA
[71] ROGERS, JOHN DAVID, CA
[71] PHILLIPS, JAMES MICHAEL, CA
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[25] EN
[54] **VINYL FUNCTIONAL INTERPENETRATING NETWORK POLYMERS PRODUCED BY PHYSICALLY MIXING VINYL FUNCTIONAL RESINS WITH THERMOPLASTIC RESINS COMPOSITIONS, METHODS OF USE AND METHODS OF PREPARATION**
[54] **POLYMERES A FONCTION VINYLE IMBRIQUES EN RESEAU PRODUITS PAR MELANGE PHYSIQUE DE RESINES A FONCTION VINYLE AVEC DES COMPOSITIONS DE RESINES THERMOPLASTIQUES, LEURS PROCEDES D'UTILISATION ET LEURS PROCEDES DE PREPARATION**
[72] HODGSON, PETER CLIFFORD, AU
[71] MIRTEQ PTY LIMITED, AU
[85] 2015-03-03
[86] 2013-09-11 (PCT/AU2013/001034)
[87] (WO2014/040126)
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[25] EN
[54] **METHOD AND AGENT FOR THE TREATMENT AND PROPHYLAXIS OF DISEASES CAUSED BY (+)RNA-CONTAINING VIRUSES**
[54] **PROCEDE ET AGENT THERAPEUTIQUE POUR LA PREVENTION ET LE TRAITEMENT DES MALADIES PROVOQUEES PAR DES VIRUS CONTENANT DES (+) ARN**
[72] NEBOLSIN, VLADIMIR EVGENIEVICH, RU
[72] BORISEVICH, SERGEI VLADIMIROVICH, RU
[72] EGOROV, ANDREI YURIEVICH, RU
[71] OBSCHESTVO S OGRANICHENNOI OTVETSTVENNOSTIYU "PHARMENTERPRISES", RU
[85] 2015-02-27
[86] 2013-08-29 (PCT/RU2013/000751)
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[30] RU (2012137097) 2012-08-30

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[54] **CHARIOT MOTORISE DOTE D'UNE BARRE DE DIRECTION**
[72] MCVICAR, MARTIN, IE
[72] MOFFETT, ROBERT, IE
[72] WHYTE, MARK, IE
[71] COMBILIFT, IE
[71] COMBILIFT RESEARCH & DEVELOPMENT LIMITED, IE
[85] 2015-03-03
[86] 2012-09-04 (PCT/EP2012/067238)
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[25] EN
[54] **NOVEL INHIBITOR COMPOUNDS OF PHOSPHODIESTERASE TYPE 10A**
[54] **NOUVEAUX COMPOSES INHIBITEURS DE PHOSPHODIESTERASE DE TYPE 10A**
[72] GENESTE, HERVE, DE
[72] OCHSE, MICHAEL, DE
[72] DRESCHER, KARLA, DE
[72] JAKOB, CLARISSA, US
[72] TORRENT, MARICEL, US
[72] YAO, SHANSHAN, US
[72] ZHAO, XIAOLING, US
[72] WANG, LIANG, US
[71] ABBVIE DEUTSCHLAND GMBH & CO. KG, DE
[71] ABBVIE INC., US
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[71] GROUNDMETRICS, INC., US
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[72] TANG, RAYMOND YUE-SING, US
[72] STEARNS, RALPH, US
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[54] **SYSTEMES ET PROCEDES POUR GERER DES ESPACES DE TRAVAIL EMPILABLES**
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[72] VIOLET, SCOTT RONALD, US
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[72] DESHPANDE, ANJALI S., US
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[54] **REACTEURS NUCLEAIRES ET PROCEDES ET APPAREIL ASSOCIES**
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[72] DEWAN, LESLIE C., US
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[72] SCHIRMER, ANDREAS W., US
[72] CLARKE, ELIZABETH J., US
[72] GROBAN, ELI S., US
[72] DA COSTA, BERNARDO M., US
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[54] **SYSTEME ET PROCEDE POUR DES DOSAGES RAPIDES ANALYSES DE FACON SPATIOTEMPORELLE**
[72] MAMENTA, EDWARD L., US
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[54] **PROCEDE DE COULAGE PAR CENTRIFUGATION A L'AIDE DE NOYAUX DE SABLE REVETUS A SEC**
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[54] **METHODS AND SYSTEMS FOR DETECTION AND CHARACTERIZATION OF CHANNEL SYSTEMS**
[54] **PROCEDES ET SYSTEMES DE DETECTION ET DE CARACTERISATION DE SYSTEMES DE CANAUX**
[72] SHELEF, ETTAN, US
[72] LOMASK, JESSE, US
[72] FILDANI, ANDREA, US
[71] CHEVRON U.S.A. INC., US
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[54] **PRE-POLYMERES A FAIBLE TENEUR EN MDI LIBRE POUR COULAGE PAR ROTATION**
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[72] SANTUCCI, CESARE, IT
[72] NARDIN, STEFANIA, IT
[72] FRESCH, ENRICO, IT
[72] DI EGIDIO, GIULIO PIETRO, IT
[72] MENNECHELLI, MARCO, IT
[72] AVERIS, CHRIS, GB
[71] CHEMTURA CORPORATION, US
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[54] **POLYURETHANE THERMOPLASTIQUE FABRIQUE A PARTIR D'UN PREPOLYMERE A FAIBLE TENEUR EN MONOMERES LIBRES**
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[72] ROSENBERG, RONALD O., US
[71] CHEMTURA CORPORATION, US
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[72] MCCORMICK, DAVID, US
[72] SCHUTT, HARTMUT HUBERTUS, NO
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[54] **DERIVES DE DIHYDROCHALCONE ET LEUR UTILISATION EN TANT QU'AGENTS ANTIBIOTIQUES**
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[72] LEGAULT, JEAN, CA
[72] SIMARD, FRANCOIS, CA
[71] UNIVERSITE DU QUEBEC A CHICOUTIMI, CA
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[54] **METHODE DE CULTURE DE CELLULES SOUCHES MESENCHYMATEUSES**
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[72] LEE, MI YEON, KR
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[54] **ENSEMBLE DE VERROUILLAGE**
[72] TRAVIS, KENNETH ADAM JOHN, CA
[72] FILLIOL, LYLE EDWARD CHARLES, CA
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[71] STRATA ENERGY SERVICES INC., CA
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[54] **PROCEDE ET SYSTEME DE VERIFICATION D'UNE DEMANDE D'ACCES**
[72] TARATINE, BORIS, GB
[72] JOHNSON, MATTHEW, GB
[72] RUST, SIMON PETER, GB
[72] ROUNDS, ANDREW WARREN, GB
[71] VISA EUROPE LIMITED, GB
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[54] **COMPOSITIONS DE COMBLEMENT DERMIQUE A BASE D'ACIDE HYALURONIQUE/COLLAGENE ET PROCEDES DE FABRICATION ASSOCIES**
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[72] YU, XIAOJIE, US
[72] MANESIS, NICHOLAS J., US
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[54] **DISPOSITIF DE TRANSFERT, OUTIL DE SIGNATURE ELECTRONIQUE, DISPOSITIF DE DETECTION ET SYSTEME DE DETECTION D'INTERFACE**
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[71] TENDYRON CORPORATION, CN
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[54] **COMPOSES INHIBITEURS**
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[72] WOODWARD, HANNAH, GB
[72] NAUD, SEBASTIEN, GB
[72] BAVETSIAS, VASSILIOS, GB
[72] SHELDRAKE, PETER, GB
[72] INNOCENTI, PAOLO, GB
[72] CHEUNG, KWAI-MING J., GB
[72] ATRASH, BUTRUS, GB
[71] CANCER RESEARCH TECHNOLOGY LIMITED, GB
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[54] **APPAREIL DE TRANSFERT DE FLUIDE ROTATIF ET PROCEDES ASSOCIES**
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[54] **STRUCTURE A BASE DE CARTON**
[72] GAFNI, IZHAR, IL
[71] I.G. CARDBOARD TECHNOLOGIES LTD., IL
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[54] **PROTHESE DENTAIRE PROVISOIRE DESTINEE A ETRE UTILISEE DANS LE DEVELOPPEMENT D'UNE PROTHESE DENTAIRE FINALE**
[72] SUTTIN, ZACHARY B., US
[72] HORRINGTON, STEPHEN M., US
[72] TOWSE, ROSS W., US
[71] BIOMET 3I, LLC, US
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[54] **INSTALLATION INFORMATIQUE DESTINEE A LA GESTION D'UN ENSEMBLE DE FICHIERS, PROCEDE, PROGRAMME ET SUPPORT INFORMATIQUE ASSOCIES A LADITE INSTALLATION**
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[54] **METHODS AND COMPOSITIONS FOR TREATING A SUBTERRANEAN FORMATION WITH SALT-TOLERANT CEMENT SLURRIES**
[54] **PROCEDES ET COMPOSITIONS POUR LE TRAITEMENT D'UNE FORMATION SOUTERRAINE A L'AIDE DE COULIS DE CIMENT TOLERANT AU SEL**
[72] RAVI, KRISHNA M., US
[72] PATIL, RAHUL CHANDRAKANT, IN
[72] PATIL, SANDIP PRABHAKAR, IN
[72] BOSE, SOHINI, IN
[72] DESHPANDE, ABHIMANYU, IN
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[71] YVES SWISS AG, CH
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[54] **UTILISATION DE BAGASSE DE CANNE A SUCRE MODIFIEE EN TANT DEPRIMANT POUR LA FLOTTATION DE MINERAIS DE FER**
[72] SILVA, MARCILIO DO CARMO, BR
[72] DA SILVA, CEZAR GONCALVES, BR
[72] OLIVEIRA, FLAVIA ALICE MONTEIRO DA SILVA, BR
[72] MIQUELANTI, ELISMAR, BR
[71] VALE S.A., BR
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[54] **APPAREIL OPTIQUE MULTIFAISCEAU A GRAND CHAMP DE VISION**
[72] REIMER, CHRISTOPHER JACOB, CA
[71] RAYTHEON CANADA LIMITED, CA
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[54] **SYSTEME D'IMMERSION D'UN RADEAU-CAGE DESTINE A LA CULTURE ET/OU AU CONFINEMENT D'ESPECES HYDROBIOLOGIQUES**
[72] SANCHEZ RACCARO, RODRIGO, CL
[72] BUSCHMANN SCHILMER, WALTER, CL
[71] ECOSEA FARMING S.A., CL
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[72] LITTLE, TROY M., US
[71] YORK CONTAINER COMPANY, US
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[71] SNOW LOGIC, INC., US
[71] DODSON, MITCHELL JOE, US
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[54] **CANONS A NEIGE A UNE SEULE ETAPE ET A MULTIPLES ETAPES**
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[71] SNOW LOGIC, INC., US
[71] DODSON, MITCHELL JOE, US
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[54] **DISPOSITIFS, SYSTEMES ET METHODES DE PRELEVEMENT TISSULAIRE**
[72] ROSS, RODNEY L., US
[72] DENNEWILL, JAMES, US
[72] HUGHES, GREGG, US
[72] NAZARIFAR, NADER, US
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[54] **AGENTS STRUCTURANTS A BASE DE SILICE ET LEURS PROCEDES DE FABRICATION**
[72] HERNANDEZ, ENRIQUE, US
[71] PABEN PROYECTOS ESTRATEGICOS, S.A. DE C.V., MX
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[54] **EYE APERTURE ENHANCING PROSTHESIS AND METHOD**
[54] **PROTHESE ET PROCEDE D'AMELIORATION D'OUVERTURE D'OEIL**
[72] BLUM, RONALD, US
[71] BEAUTIEYES, LLC, US
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[54] **DISPOSITIF DE CHARGEMENT**
[72] HERBST, JULIAN, DE
[72] PORZ, LUTZ OLIVER, DE
[72] MICHEL, REINHARD, DE
[72] JOHANNING, JOACHIM, DE
[72] VOLKER, GUNTER, DE
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[72] RENVOICE, PETER, GB
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[54] **COMPOSITIONS ET PROCEDES COMPRENANT DES SEQUENCES DE FERTILITE MALE**
[72] ALBERTSEN, MARC, US
[72] CIGAN, ANDREW MARK, US
[72] HERSHEY, HOWARD, US
[72] LASSNER, MIKE, US
[72] WU, YONGZHONG, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
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[54] **METHOD AND SYSTEM OF USING A DATA WEIGHTED ELECTROMAGNETIC SOURCE FOR TIME-LAPSE MONITORING OF A RESERVOIR PRODUCTION OR HYDRAULIC FRACTURING**
[54] **PROCEDE ET SYSTEME D'UTILISATION D'UNE SOURCE ELECTROMAGNETIQUE PONDEREE PAR DES DONNEES POUR LA SURVEILLANCE REPETITIVE DE LA PRODUCTION D'UN RESERVOIR OU D'UNE FRACTURATION HYDRAULIQUE**
[72] HOVERSTEN, GARY MICHAEL, US
[72] BROWN, VANESSA CLAIRE, US
[72] ALUMBAUGH, DAVID LEE, US
[71] CHEVRON U.S.A. INC., US
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[54] **COMPOSITIONS ET PROCEDES DE TRAITEMENT DE L'INSUFFISANCE CARDIAQUE CHEZ LES PATIENTS DIABETIQUES**
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[71] ZENSUN (SHANGHAI) SCIENCE & TECHNOLOGY LIMITED, CN
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[54] **BALISE DE SIGNALISATION OU DISPOSITIF D'AVERTISSEMENT LUMINEUX**
[72] MARTIN, PATRICK JOHN, NZ
[72] SENIOR, PAUL, NZ
[71] SOLAR BRIGHT LIMITED, NZ
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[54] **MELANGE THERMOPLASTIQUE PRESENTANT UNE GRANDE SOUPLESSE ET UN POINT DE FUSION ELEVE**
[72] GOSSI, MATTHIAS, CH
[72] ZWEIFEL, PETER, CH
[71] SIKA TECHNOLOGY AG, CH
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[54] **PROCEDE ET DISPOSITIF DE GESTION D'ENSEMBLES DE STOCKAGE D'ENERGIE ELECTRIQUE POUR L'ALIMENTATION ELECTRIQUE D'UN VEHICULE A MOTEUR ELECTRIQUE**
[72] JESTIN, JEAN-JACQUES, FR
[72] COLIN, JACQUES, FR
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[54] **NOUVEAU COMPOSE AYANT POUR EFFET D'ENGENDRER UNE THROMBOLYSE, DE CAPTURER DES RADICAUX LIBRES ET DE CIBLER LES CAILLOTS SANGUINS, AINSI QUE PROCEDE DE PREPARATION ET UTILISATION DE CE NOUVEAU COMPOSE**
[72] PENG, SHIQI, CN
[72] ZHAO, MING, CN
[72] JIANG, XUEYUN, CN
[71] SHANGHAI LUMOSA THERAPEUTICS CO., LTD., CN
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[54] **COMPOSITIONS DESINFECTANTES ET LEURS UTILISATIONS**
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[71] WHITE, ROBERT, AU
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[54] **CITRATE-RICH CALCIUM-MAGNESIUM SUPPLEMENT AND USES THEREOF**
[54] **COMPLEMENT DE CALCIUM ET DE MAGNESIUM RICHE EN CITRATE ET SES UTILISATIONS**
[72] PAK, CHARLES Y.C., US
[72] SAKHAEE, KASHAYAR, US
[72] MOE, ORSON W., US
[71] BOARD OF REGENTS THE UNIVERSITY OF TEXAS SYSTEM, US
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[54] **COMPOSITE SHEET MATERIAL AND METHOD FOR FORMING THE SAME**
[54] **MATERIAU COMPOSITE EN FEUILLES ET SON PROCEDE DE FORMAGE**
[72] WEINBERG, MARTIN, US
[72] YUAN, JAMES, US
[72] MARKOWSKI, ROBERT, US
[71] XAMAX INDUSTRIES, INC., US
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[54] **CAPTEURS ELECTROCHIMIQUES ET PROCEDE POUR LEUR FABRICATION**
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[72] SLOSS, SCOTT J., GB
[71] CILAG GMBH INTERNATIONAL, CH
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[54] **DETERMINATION NON INVASIVE D'UN METHYLOME DU FŒTUS OU D'UNE TUMEUR A PARTIR DU PLASMA**
[72] CHIU, ROSSA WAI KWUN, CN
[72] CHAN, KWAN CHEE, CN
[72] LO, YUK-MING DENNIS, CN
[72] LUN, MIU FAN, CN
[72] JIANG, PEIYONG, CN
[72] CHAN, WAI MAN, CN
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[54] **CHOCOLAT RESISTANT A LA CHALEUR**
[72] GLAZIER, BARRY, US
[72] WILD, KARYN, US
[72] WENTZEL, JOANNA, US
[72] MYERS, MARY, US
[72] HESS, MARILYN, US
[72] LEASE, SHIRLEY, US
[72] HAUSMAN, DAVID, US
[71] MARS, INCORPORATED, US
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[54] **DEBITMETRIE ULTRASONIQUE UTILISANT UNE TEMPERATURE CALCULEE COMPENSEE**
[72] RAMSAY, LAWSON, GB
[71] DANIEL MEASUREMENT AND CONTROL, INC., US
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[54] **PROCEDE DE FRACTURATION TRANSVERSALE D'UNE FORMATION SOUTERRAINE**
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[72] MONTARON, BERNARD ANDRE, CN
[71] SCHLUMBERGER CANADA LIMITED, CA
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[54] **TRAITEMENT D'UN FLUIDE PROVENANT D'UN PUITS**
[72] NES, HROAR ANDREAS, NO
[72] HOFFMANN, RAINER JOSEF, NO
[72] MARAK, KNUT ARILD, NO
[72] GOPLEN, STIG, NO
[71] STATOIL PETROLEUM AS, NO
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[54] **PRODUCTION DE PARTICULES DE TYPE PICORNAVIRUS DANS DES PLANTES**
[72] D'AOUST, MARC-ANDRE, CA
[72] LAVOIE, PIERRE-OLIVIER, CA
[72] COUTURE, MANON, CA
[72] POULIN, LUCIE, CA
[72] VEZINA, LOUIS-PHILIPPE, CA
[71] MEDICAGO INC., CA
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[25] EN
[54] **METHOD FOR ENHANCING THE PRODUCT QUALITY AND PRODUCT SAFETY OF MEAT OR FOODSTUFFS OF ANIMAL OR VEGETABLE ORIGIN**
[54] **PROCEDE POUR AUGMENTER LA QUALITE ET LA SECURITE DE PRODUITS DE VIANDE OU DE PRODUITS ALIMENTAIRES D'ORIGINE ANIMALE OU VEGETALE**
[72] HEINZ, VOLKER, DE
[72] KORTSCHACK, FRITZ, DE
[71] TRITON GMBH, DE
[71] DEUTSCHES INSTITUT FUR LEBENSMITTELTECHNIK E.V., DE
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[54] **PROCEDE DE RECUPERATION DE FER**
[72] CANBEKTE, ZEKERIYA, TR
[71] CANBEKTE, HUSNU SINAN, TR
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[54] **SUSPENSION DE PARTICULES COMPRENANT DES COMPLEXES DE CYCLOPROPENE DISPERSES DANS UNE MATRICE DE RESINE**
[72] ZHANG, SHILING, CN
[72] BECKER, CHRISTIAN, US
[72] YAN, YUNFEI, CN
[72] SHI, YUTIAN, CN
[72] CHEN, YONGCHUN, CN
[72] KALANTAR, THOMAS H., US
[72] ZHEN, YUEQIAN, US
[72] YANG, XIUHAN GRACE, CN
[72] TUCKER, CHRISTOPHER JOHN, US
[71] AGROFRESH INC., US
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[54] **RUBIDIUM ELUTION SYSTEM CONTROL**
[54] **COMMANDE DE SYSTEME D'ELUTION DE RUBIDIUM**
[72] DEKEMP, ROBERT A., CA
[72] KLEIN, RAN, CA
[72] LEFORT, ETIENNE, CA
[72] TEOLI, VINCENZO, CA
[71] JUBILANT DRAXIMAGE, INC., CA
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[54] **PROCEDE ET SYSTEME POUR ACQUERIR DES INFORMATIONS DE LOCALISATION**
[72] HUANG, TIEMING, CN
[71] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED, CN
[85] 2015-03-05
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[25] EN
[54] **METHOD FOR LEACHING NICKEL, COBALT AND IRON FROM A NICKEL LATERITE ORE**
[54] **PROCEDE POUR LA LIXIVIATION DE NICKEL, DE COBALT ET DE FER A PARTIR D'UN MINERAI DE NICKEL LATERITIQUE**
[72] CANBEKTE, ZEKERIYA, TR
[71] CANBEKTE, HUSNU SINAN, TR
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[54] **AQUAPONICS SYSTEM AND METHOD THEREOF**
[54] **SYSTEME AQUAPONIQUE ET PROCEDE POUR CELUI-CI**
[72] BARBER, GLYNN, US
[71] BARBER, GLYNN, US
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[54] **FAD2 PERFORMANCE LOCI AND CORRESPONDING TARGET SITE SPECIFIC BINDING PROTEINS CAPABLE OF INDUCING TARGETED BREAKS**
[54] **LOCI DE PERFORMANCE FAD2 ET PROTEINES SE LIANT A UN SITE SPECIFIQUE CIBLE CORRESPONDANTES POUVANT INDUIRE DES CASSURES CIBLEES**
[72] COGAN, NOEL, US
[72] FORSTER, JOHN, US
[72] HAYDEN, MATTHEW, US
[72] SAWBRIDGE, TIM, US
[72] SPANGENBERG, GERMAN, US
[72] WEBB, STEVEN R., US
[72] GUPTA, MANJU, US
[72] AINLEY, WILLIAM MICHAEL, US
[72] HENRY, MATTHEW J., US
[72] MILLER, JEFFREY C., US
[72] GUSCHIN, DMITRY Y., US
[71] DOW AGROSCIENCES LLC, US
[71] SANGAMO BIOSCIENCES, INC., US
[85] 2015-03-05
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[54] **WAGERING APPARATUS, METHODS AND SYSTEMS**
[54] **APPAREIL, PROCEDES ET SYSTEMES DE PARI**
[72] MARANTELLI, BERNARD J., GB
[71] DIOGENES LIMITED, IM
[85] 2015-03-05
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[54] **METHODS AND COMPOSITIONS TO PREVENT CAKING OF SODIUM CHLORIDE AND PREVENT TRANSITION METAL STAINS**
[54] **PROCEDES ET COMPOSITIONS POUR EMPECHER L'AGGLUTINATION DE CHLORURE DE SODIUM ET EMPECHER DES COLORATIONS DE METAL DE TRANSITION**
[72] BROWN, GEOFFREY A., US
[72] SHIPMAN, JOSHUA M., US
[71] COMPASS MINERALS AMERICA INC., US
[85] 2015-03-04
[86] 2013-09-04 (PCT/US2013/058035)
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[54] **SYSTEM AND METHOD FOR A RANGEFINDING INSTRUMENT INCORPORATING PULSE AND CONTINUOUS WAVE SIGNAL GENERATING AND PROCESSING TECHNIQUES FOR INCREASED DISTANCE MEASUREMENT ACCURACY**
[54] **SYSTEME ET PROCEDE POUR INSTRUMENT DE TELEMETRIE INCORPORANT DES TECHNIQUES DE GENERATION ET DE TRAITEMENT DE SIGNAUX A ONDES PULSEES ET CONTINUES POUR UNE PRECISION ACCRUE DE MESURES DE DISTANCE**
[72] DUNNE, JEREMY G., US
[72] FRISCHMAN, MARK, CA
[71] LASER TECHNOLOGY, INC., US
[71] KAMA-TECH (HK) LIMITED, CN
[85] 2015-03-04
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[54] **ANALYSIS OF SALIVA PROTEOME FOR BIOMARKERS OF GINGIVITIS AND PERIODONTITIS USING FT-ICR-MS/MS**
[54] **ANALYSE DU PROTEOME SALIVAIRE A LA RECHERCHE DE BIOMARQUEURS DE LA GINGIVITE ET DE LA PARODONTITE PAR FT-ICR-SM-SM**
[72] CHAPPLE, IAIN, NL
[72] CREESE, ANDREW, NL
[72] GRANT, MELISSA, NL
[71] KONINKLIJKE PHILIPS N.V., NL
[85] 2015-03-05
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[54] **BUCKLING-RESTRAINED BRACE ASSEMBLY**
[54] **ENSEMBLE CONTREVENT A FLAMBAGE RESTREINT**
[72] MARINOVIC, IGOR, US
[72] HYDER, CLIFTON D., US
[71] BLUESCOPE BUILDINGS NORTH AMERICA, INC., US
[85] 2015-03-05
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[54] **SYSTEM AND METHOD FOR LOAD DISTRIBUTION IN A NETWORK**
[54] **SYSTEME ET METHODE DE DISTRIBUTION DE CHARGE DANS UN RESEAU**
[72] LATAILLE, NORBERT, FR
[72] SBRAGIA, ALEXANDRE, FR
[72] ARNOUX-PROST, RENAUD, FR
[72] BOUSQUET, ERIC, FR
[72] RENAUDIE, DAVID, FR
[71] AMADEUS S.A.S., FR
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[54] **COMPOSITIONS AND METHODS RELATING TO THE TREATMENT OF DISEASES**
[54] **COMPOSITIONS ET PROCEDES DE TRAITEMENT DE MALADIES**
[72] STIMSON, WILLIAM, GB
[71] ALFACYTE LTD, GB
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[54] **SYSTEMS, METHODS, AND APPARATUS FOR PREVENTING CONDENSATION IN REFRIGERATED DISPLAY CASES**
[54] **SYSTEMES, PROCEDES ET APPAREIL POUR EMPECHER LA CONDENSATION DANS LES PRESENTOIRS FRIGORIFIQUES**
[72] CHIKKAKALBALU, CHANDRASHEKHARA S., US
[72] IYENGAR, AJAY, US
[71] HEATCRAFT REFRIGERATION PRODUCTS LLC, US
[85] 2015-03-04
[86] 2013-09-12 (PCT/US2013/059380)
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[54] **METHOD, APPARATUS AND SYSTEM FOR THE PERFORMANCE OF VALSALVA MANEUVERS**
[54] **PROCEDE, APPAREIL ET SYSTEME POUR LA REALISATION DE MANOEUVRES DE VALSALVA**
[72] EGGERS, PHILIP E., US
[72] EGGERS, ANDREW R., US
[72] MAYERCHAK, MARK A., US
[71] CARDIOX CORPORATION, US
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[54] **PROCESS FOR PROVIDING AN OXYGEN RICH GAS AND FUEL TO AT LEAST TWO OXYGEN RICH GAS CONSUMING UNITS**
[54] **PROCEDE POUR FOURNIR UN GAZ RICHE EN OXYGENE ET UN COMBUSTIBLE A AU MOINS DEUX UNITES CONSOMMANT UN GAZ RICHE EN OXYGENE**
[72] DUBETTIER-GRENIER, RICHARD, FR
[72] GUILLARD, ALAIN, FR
[72] MC DONALD, DENNIS, US
[72] DE LIMON, SEBASTIEN, FR
[71] BABCOCK AND WILCOX POWER GENERATION GROUP, INC., US
[71] L'AIR LIQUIDE SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
[85] 2015-03-05
[86] 2013-08-28 (PCT/EP2013/067755)
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[54] **SYSTEM AND METHOD FOR BIOMETRIC AUTHENTICATION IN CONNECTION WITH CAMERA-EQUIPPED DEVICES**
[54] **SYSTEME ET PROCEDE D'AUTHENTIFICATION BIOMETRIQUE EN ASSOCIATION AVEC DES DISPOSITIFS EQUIPES D'UNE CAMERA**
[72] LECUN, YANN, US
[72] PEROLD, ADAM, US
[72] WANG, YANG, US
[72] WAGHMARE, SAGAR, US
[71] ELEMENT, INC., US
[85] 2015-03-04
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[54] **ROTATABLE DRIVE ELEMENT FOR MOVING A WINDOW COVERING**
[54] **ELEMENT D'ENTRAINEMENT ROTATIF DESTINE A DEPLACER UN COUVRE-FENETRE**
[72] MULLET, WILLIS JAY, US
[72] MATTHEWS, DANIEL T., US
[72] FOX, MICHAEL D., US
[72] LEE, GERALD ASHLEY, US
[71] QMOTION INCORPORATED, US
[85] 2015-03-04
[86] 2013-09-17 (PCT/US2013/060205)
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[25] EN
[54] **DESULFURIZATION APPARATUS AND METHOD OF USING CONDENSED WATER PRODUCED THEREIN**
[54] **DISPOSITIF DE DESULFURATION ET PROCEDE D'UTILISATION D'UNE EAU DE CONDENSAT GENEREE PAR CE DISPOSITIF**
[72] ITO, MOTOFUMI, US
[72] SUGITA, SATORU, US
[72] TSUJIUCHI, TATSUYA, US
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2015-03-05
[86] 2013-08-23 (PCT/JP2013/072497)
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[54] **RADIO TRANSMISSION RESOURCE MANAGEMENT DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE GESTION DE RESSOURCES DE TRANSMISSION RADIO**
[72] SUN, CHEN, CN
[71] SONY CORPORATION, JP
[85] 2015-03-05
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[54] **4-WAY CYSTOSCOPY CATHETER WITH LOW PROFILE BALLOON**
[54] **CATHETER A 4 VOIES POUR CYSTOSCOPIE DOTE D'UN BALLON A ENCOMBREMENT REDUIT**
[72] GREENBERG, JAMES A., US
[72] ADAMS, RONALD D., US
[72] KOHLI, NEERAJ, US
[72] HARARI, DAVID, US
[71] EMMY MEDICAL, LLC, US
[85] 2015-03-04
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[54] **METHODS FOR THE TREATMENT OF LOCALLY ADVANCED BREAST CANCER**
[54] **METHODES POUR LE TRAITEMENT DU CANCER DU SEIN LOCALEMENT AVANCE**
[72] GANDHI, ANITA, US
[72] DIMARTINO, JORGE, US
[72] CHOPRA, RAJESH, US
[71] CELGENE CORPORATION, US
[85] 2015-03-05
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[54] **COMMUNICATION SERVER, COMMUNICATION SYSTEM, PROGRAM, AND COMMUNICATION METHOD**
[54] **SERVEUR DE COMMUNICATION, SYSTEME DE COMMUNICATION, PROGRAMME, ET PROCEDE DE COMMUNICATION**
[72] MIHARA, AKIHIRO, JP
[72] ASAI, TAKAHIRO, JP
[71] RICOH COMPANY, LTD., JP
[85] 2015-03-05
[86] 2013-09-11 (PCT/JP2013/075210)
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[30] JP (2013-160528) 2013-08-01

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[51] **Int.Cl. C07D 239/52 (2006.01) C07D 487/04 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF 2-AMINO-5,8-DIMETHOXY[1,2,4]TRIAZOLO[1,5-C]PYRIMIDINE FROM 4-CHLORO-2,5-DIMETHOXYPYRIMIDINE**
[54] **PROCEDE DE PREPARATION DE 2-AMINO-5,8-DIMETHOXY[1,2,4]TRIAZOLO[1,5-C]PYRIMIDINE A PARTIR DE 4-CHLORO-2,5-DIMETHOXYPYRIMIDINE**
[72] BLAND, DOUGLAS C., US
[72] ROTH, GARY, US
[72] BOTT, CRAIG, US
[72] HAMILTON, CHRISTOPHER T., US
[72] NEUMAN, JOSEPH, US
[71] DOW AGROSCIENCES LLC, US
[85] 2015-03-05
[86] 2013-09-10 (PCT/US2013/058941)
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[54] **TRANSDERMAL DRUG DELIVERY DEVICE**
[54] **DISPOSITIF D'ADMINISTRATION DE MEDICAMENT TRANSDERMIQUE**
[72] TANG, JIANSHENG, US
[72] CAI, SHENSHEN, US
[72] KATKADE, BHUSHAN, US
[72] SCHUMACHER, WILLIAM, US
[72] MILLER, KENNETH J., US
[71] MYLAN INC., US
[85] 2015-03-04
[86] 2013-09-18 (PCT/US2013/060430)
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[54] **SYNTHESE DE BIS(FLUOROSULFONYL)IMIDE**
[72] SINGH, P. RAJENDRA, US
[72] MARTIN, JERRY LYNN, US
[72] POSHUSTA, JOSEPH CARL, US
[71] BOULDER IONICS CORPORATION, US
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[51] **Int.Cl. C07D 487/04 (2006.01) C07D 239/52 (2006.01)**
[25] EN
[54] **AN IMPROVED PROCESS FOR THE PREPARATION OF 2-AMINO-5,8-DIMETHOXY[1,2,4]TRIAZOLO[1,5-C]PYRIMIDINE FROM 4-AMINO-2,5-DIMETHOXYPYRIMIDINE**
[54] **PROCEDE AMELIORE POUR LA PREPARATION DE 2-AMINO-5,8-DIMETHOXY[1,2,4]TRIAZOLO[1,5-C]PYRIMIDINE A PARTIR DE 4-AMINO-2,5-DIMETHOXYPYRIMIDINE**
[72] BLAND, DOUGLAS C., US
[72] HAMILTON, CHRISTOPHER T., US
[71] DOW AGROSCIENCES LLC, US
[85] 2015-03-05
[86] 2013-09-11 (PCT/US2013/059108)
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[54] **DENTAL CLEANING COMPOSITION**
[54] **COMPOSITION DE NETTOYAGE DENTAIRE**
[72] HIER, LAWRENCE A., US
[72] VAZIRI, BEN, US
[71] SLH OPTIMAL HEALTH LLC, US
[85] 2015-03-05
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[25] EN
[54] **PROCESS FOR THE REDUCTION OF NITRO DERIVATIVES TO AMINES**
[54] **PROCEDE DE REDUCTION DE DERIVES NITRO EN AMINES**
[72] BENAGLIA, MAURIZIO, IT
[72] BONSIGNORE, MARTINA, IT
[71] DEXLECHEM GMBH, DE
[85] 2015-03-06
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[25] EN
[54] **FORMULATIONS COMPRISING IDEBENONE, N-ACETYL-S-FARNESYL-L-CYSTEINE AND ERGOTHIONEINE AND USES THEREOF**
[54] **FORMULATIONS COMPRENANT DE L'IDEBENONE, DE LA N-ACETYL-S-FARNESYL-L-CYSTEINE ET DE L'ERGOTHIONEINE ET LEURS UTILISATIONS**
[72] FERNANDEZ, JOSE, US
[72] PEREZ, EDUARDO, US
[72] STOCK, MAXWELL, US
[72] POPESCU, LAVINIA CODRUTA, US
[72] FELIX-GONNOT, AURELIE NATHALIE, US
[72] PELLEGRINO, ARTHUR JOSEPH, US
[71] ELIZABETH ARDEN, INC., US
[85] 2015-03-05
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[25] EN
[54] **TRIGGERABLE LOST CIRCULATION MATERIAL AND METHOD OF USE**
[54] **MATERIAU COLMATANT A DECLENCHEMENT ET METHODE D'UTILISATION**
[72] MURPHY, ROBERT J., US
[72] MILLER, MATTHEW L., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-03-04
[86] 2013-09-25 (PCT/US2013/061594)
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[54] **LOW MELTING PROPIONIC ACID DERIVATIVE PARTICLES FOR USE IN ORAL DOSAGE FORMS**
[54] **PARTICULES DE DERIVES D'ACIDE PROPIONIQUE A POINT DE FUSION BAS, DESTINEES A ETRE UTILISEES DANS DES FORMES GALENIQUES ORALES**
[72] BAGCHI, SAUMITRA, US
[72] VUPPALA, MURALI K., US
[71] MCNEIL-PPC, INC., US
[85] 2015-03-05
[86] 2013-09-16 (PCT/US2013/059918)
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[54] INHIBITING PEPTIDES DERIVED FROM TRIGGERING RECEPTOR EXPRESSED ON MYELOID CELLS-1 (TREM-1) TREM-LIKE TRANSCRIPT 1 (TLT-1) AND USES THEREOF
[54] PEPTIDES INHIBITEURS ISSUS DU TRANSCRIT 1 DE TYPE TREM, RECEPTEUR DE DECLENCHEMENT EXPRIME SUR DES CELLULES MYELOIDES 1 (TREM-1), (TLT-1) ET LEURS UTILISATIONS
[72] GIBOT, SEBASTIEN, FR
[72] BOUFENZER, AMIR, FR
[72] AIT-OUFELLA, HAFID, FR
[72] DERIVE, MARC, FR
[71] INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE), FR
[71] UNIVERSITE DE LORRAINE, FR
[85] 2015-03-06
[86] 2013-09-09 (PCT/EP2013/068628)
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[30] EP (12306079.0) 2012-09-07

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[25] EN
[54] METHOD AND APPARATUS FOR ENABLING EFFICIENT BATTERY USE ON A DUAL MODE COMMUNICATION DEVICE
[54] PROCEDE ET APPAREIL POUR PERMETTRE UNE UTILISATION DE BATTERIE EFFICACE SUR UN DISPOSITIF DE COMMUNICATION A DOUBLE MODE
[72] SHAHAF, MARK., US
[72] SENESE, THOMAS J., US
[71] MOTOROLA SOLUTIONS, INC., US
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[54] SECONDARY SYSTEM AND METHOD FOR ACTIVATING A DOWN HOLE DEVICE
[54] SYSTEME SECONDAIRE ET PROCEDE POUR ACTIVER UN DISPOSITIF EN FOND DE TROU
[72] BUDLER, NICHOLAS FREDERICK, US
[72] ACOSTA, FRANK, US
[72] PALANIVEL, KUMARAN, SA
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] TRAITEMENT DE LA POLYARTHRITE RHUMATOIDE
[72] HAERTLE, STEFAN, DE
[72] LECLAIR, STEPHANE, DE
[72] SHEBL, AMGAD, DE
[72] STEIDL, STEFAN, DE
[71] MORPHOSYS AG, DE
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[51] Int.Cl. A61M 3/02 (2006.01) A61F 9/007 (2006.01) G01L 1/00 (2006.01)
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[54] SYSTEMS AND METHODS FOR EXTERNAL PRESSURE SENSING
[54] SYSTEMES ET PROCEDES PERMETTANT UNE DETECTION DE PRESSION EXTERNE
[72] MADDEN, SEAN, US
[72] SORENSEN, GARY P., US
[72] GORDON, RAPHAEL, US
[72] LAYSER, GREGORY S., US
[72] WILSON, DANIEL J., US
[72] BAXTER, VINCENT A., US
[71] ALCON RESEARCH, LTD., US
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[25] EN
[54] ROTOR FOR AN AXIAL FLOW TURBOMACHINE AND DOUBLE NUT FOR CONNECTING TWO TIE-ROD ELEMENTS
[54] ROTOR POUR UNE TURBOMACHINE A ECOULEMENT AXIAL ET DOUBLE ECROU DESTINE A RELIER DEUX ELEMENTS DE TIRANT
[72] COSTAMAGNA, KARIN, DE
[72] DUNGS, SASCHA, DE
[72] HOELL, HARALD, DE
[72] HULL, HENRIK, SE
[72] KOLK, KARSTEN, DE
[72] LAUDAGE, ULF, DE
[72] NIMPTSCH, HARALD, DE
[72] SCHRODER, PETER, DE
[72] VEITSMAN, VYACHESLAV, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **METHOD FOR ASSEMBLING AND DISASSEMBLING A ROTOR HAVING A NUMBER OF ROTOR COMPONENTS OF AN AXIAL FLOW TURBOMACHINE AND SUCH A ROTOR**
[54] **PROCEDE PERMETTANT D'ASSEMBLER OU DE DESASSEMBLER UN ROTOR COMPORTANT UNE PLURALITE D'ELEMENTS DE ROTOR POUR UNE TURBOMACHINE A ECOULEMENT AXIAL ET ROTOR DE CE TYPE**
[72] COSTAMAGNA, KARIN, DE
[72] DUNGS, SASCHA, DE
[72] HOELL, HARALD, DE
[72] HULL, HENRIK, SE
[72] KOLK, KARSTEN, DE
[72] LAUDAGE, ULF, DE
[72] NIMPTSCH, HARALD, DE
[72] SCHRODER, PETER, DE
[72] VEITSMAN, VYACHESLAV, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **COMPOSITIONS ET PROCEDES POUR LA LUTTE CONTRE LES NEMATODES PARASITES DES PLANTES**
[72] RIGGS, JENNIFER LYNN, US
[72] CALA, EDER LEONARDO SASTOQUE, US
[72] KLOEPPER, JOSEPH W., US
[72] LAWRENCE, KATHERYN KAY SCOTT, US
[72] RUSSI, JUAN DAVID CASTILLO, US
[71] BAYER CROPSCIENCE LP, US
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[25] EN
[54] **TREATMENT OF HEADACHE BY INJECTION OF NEUROINHIBITORY SUBSTANCE TO SPHENOPALATINE GANGLION OR OTIC GANGLION**
[54] **TRAITEMENT D'UNE CEPHALEE PAR L'INJECTION D'UNE SUBSTANCE NEURO-INHIBITRICE AU GANGLION SPHENO-PALATIN OU AU GANGLION OTIQUE**
[72] BRATBAK, DANIEL FOSSUM, NO
[72] NORDGARD, STALE, NO
[71] NORWEGIAN UNIVERSITY OF SCIENCE AND TECHNOLOGY (NTNU), NO
[85] 2015-03-05
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[25] EN
[54] **REINFORCING ELEMENT FOR PRODUCING PRESTRESSED CONCRETE COMPONENTS, CONCRETE COMPONENT AND PRODUCTION METHOD**
[54] **ELEMENT D'ARMATURE POUR LA FABRICATION D'ELEMENTS DE CONSTRUCTION EN BETON PRECONTRAINT, ELEMENT DE CONSTRUCTION EN BETON ET PROCEDE DE FABRICATION**
[72] KURATH-GROLLMANN, JOSEF PETER, CH
[71] CPC AG, CH
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[54] **METHOD AND SYSTEM FOR STABILISING EARTHEN FORMATIONS**
[54] **PROCEDE ET SYSTEME DE STABILISATION DE FORMATIONS TERRESTRES**
[72] DAVISON, GARY, AU
[71] GAZMICK PTY LTD, AU
[85] 2015-03-06
[86] 2013-09-09 (PCT/AU2013/001003)
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[54] **SYSTEME PERMETTANT DE DECHARGER DES MATIERES EN VRAC DEPUIS UN RECIPIENT DE TRANSPORT, NOTAMMENT DEPUIS UN CONTENEUR**
[72] HANSES, CHRISTIAN, DE
[72] SITTA, ROLAND, DE
[71] POOL INVEST GMBH, DE
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[25] EN
[54] **BULLET FOR SHOOTING RANGE AND PRACTICE CARTRIDGES**
[54] **PROJECTILE POUR CARTOUCHES DE STAND DE TIR ET D'ENTRAINEMENT**
[72] KRAUSE, BERND, DE
[72] REUTHER, CLAUS, DE
[72] LIEBL, MARTIN, DE
[71] RUAG AMMOTEC GMBH, DE
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[54] **ROLLING BEARING, AND ROTARY DEVICE WITH ROLLING BEARING**
[54] **ROULEMENT ET DISPOSITIF TOURNANT A ROULEMENT**
[72] ROELOFSEN, JOHAN H. J., NL
[71] NORDISCHER MASCHINENBAU RUD. BAADER GMBH + CO. KG, DE
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[54] **IMPROVED PLOW**
[54] **CHARRUE AMELIOREE**
[72] PIERALISI, GENNARO, IT
[71] AIRIS SOCIETA' A RESPONSABILITA' LIMITATA, IT
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[25] EN
[54] **GLUCOSYLCERAMIDE SYNTHASE INHIBITORS**
[54] **INHIBITEURS DE SYNTHASE DE GLUCOSYLCERAMIDE**
[72] BOURQUE, ELYSE, US
[72] CABRERA-SALAZAR, MARIO A., US
[72] CELATKA, CASSANDRA, US
[72] CHENG, SENG H., US
[72] HIRTH, BRADFORD, US
[72] GOOD, ANDREW, US
[72] JANCSICS, KATHERINE, US
[72] MARSHALL, JOHN, US
[72] METZ, MARKUS, US
[72] SCHEULE, RONALD K., US
[72] SKERLJ, RENATO, US
[72] XIANG, YIBIN, US
[72] ZHAO, ZHONG, US
[72] LEONARD, JOHN, US
[72] NATOLI, THOMAS, US
[72] MAKINO, ELINA, US
[72] HUSSON, HERVE, US
[72] BESKROVNAYA, OXANA, US
[71] GENZYME CORPORATION, US
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[51] **Int.Cl. A61C 17/02 (2006.01) A61C 1/06 (2006.01) A61C 5/02 (2006.01) A61M 3/00 (2006.01)**
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[54] **ELECTRICAL DISCHARGE IRRIGATOR APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE D'IRRIGATEUR DE DECHARGE ELECTRIQUE**
[72] FREGOSO, GILBERT, US
[72] HECKERMAN, BRAD B., US
[71] AMERICAN EAGLE INSTRUMENTS, INC., US
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[51] **Int.Cl. H04W 28/02 (2009.01)**
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[54] **TRAFFIC MANAGEMENT FOR BASE STATIONS BACKHAULED OVER DATA-CAPPED NETWORK CONNECTIONS**
[54] **GESTION DE TRAFIC POUR STATIONS DE BASE RACCORDEES PAR DES CONNEXIONS RESEAU PLAFONNEES EN DONNEES**
[72] RAY, SIDDARTH, US
[72] SRINIVASAN, MURARI, US
[72] MEDIN, MILO STEVEN, US
[71] GOOGLE INC., US
[85] 2015-03-05
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[54] **LED FIXTURE AND LED LIGHTING ARRANGEMENT COMPRISING SUCH LED FIXTURE**
[54] **APPAREIL D'ECLAIRAGE A DIODES ELECTROLUMINESCENTES ET SYSTEME D'ECLAIRAGE A DIODES ELECTROLUMINESCENTES QUI COMPREND UN TEL APPAREIL D'ECLAIRAGE A DIODES ELECTROLUMINESCENTES**
[72] SAES, MARC, NL
[72] WELTEN, PETRUS JOHANNES MARIA, NL
[71] ELDOLAB HOLDING B.V., NL
[85] 2015-03-05
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[54] **STACKABLE WORKSPACES ON AN ELECTRONIC DEVICE**
[54] **ESPACES DE TRAVAIL EMPILABLES SUR UN DISPOSITIF ELECTRONIQUE**
[72] JITKOFF, JOHN NICHOLAS, US
[72] KUSCHER, ALEXANDER FRIEDRICH, US
[72] VIOLET, SCOTT RONALD, US
[72] MURPHY, GLEN, US
[71] GOOGLE INC., US
[85] 2015-03-05
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[87] (WO2014/039157)
[30] US (61/698,515) 2012-09-07
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[25] EN
[54] **METHODS AND COMPOUNDS FOR PREVENTING, TREATING AND DIAGNOSING AN INFLAMMATORY CONDITION**
[54] **METHODES ET COMPOSES POUR LA PREVENTION, LE TRAITEMENT ET LE DIAGNOSTIC D'UN ETAT INFLAMMATOIRE**
[72] ROTH, JOHANNES, DE
[72] VOGL, THOMAS, DE
[71] WESTFAELISCHE WILHELMS-UNIVERSITAET MUENSTER, DE
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[51] **Int.Cl. H04W 28/08 (2009.01) H04W 36/22 (2009.01)**
[25] EN
[54] **LOAD DISTRIBUTION IN A NETWORK OF SMALL-CELL BASE STATIONS**
[54] **REPARTITION DE LA CHARGE DANS UN RESEAU DE STATIONS DE BASE DE CELLULES DE PETITE TAILLE**
[72] RAY, SIDDARTH, US
[72] MEDIN, MILO STEVEN, US
[72] SRINIVASAN, MURARI, US
[71] GOOGLE INC., US
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[54] **CONTRAST AGENT AND ITS USE FOR IMAGING**
[54] **AGENT DE CONTRASTE ET SON UTILISATION POUR L'IMAGERIE**
[72] FIGDOR, CARL GUSTAV, NL
[72] DE VRIES, INGRID JOLANDA MONIQUE, NL
[72] SRINIVAS, MANGALA, NL
[72] CRUZ RICONDO, LUIS JAVIER, NL
[71] STICHTING KATHOLIEKE UNIVERSITEIT, NL
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[54] **PIXEL MAPPING, ARRANGING, AND IMAGING FOR ROUND AND SQUARE-BASED MICRO LENS ARRAYS TO ACHIEVE FULL VOLUME 3D AND MULTI-DIRECTIONAL MOTION**
[54] **CARTOGRAPHIE, AGENCEMENT ET IMAGERIE DE PIXELS POUR RESEAUX DE MICRO-LENTILLES A BASE RONDE OU CARREE POUR OBTENIR UN EFFET 3D A PLEIN VOLUME ET UN MOUVEMENT MULTIDIRECTIONNEL**
[72] RAYMOND, MARK A., US
[72] SOTO, HECTOR ANDRES PORRAS, US
[71] LUMENCO, LLC, US
[85] 2015-03-05
[86] 2013-09-04 (PCT/US2013/057926)
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[54] **CHRISTMAS TREE AND METHOD**
[54] **ARBRE DE NOEL ET PROCEDE**
[72] LUGTMEIER, LUBBERTUS, NL
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2015-03-06
[86] 2013-09-17 (PCT/EP2013/069259)
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[54] **HYDRAULIC MOTOR-DRIVEN BEARING LUBRICATION SYSTEM FOR A CENTRIFUGAL PUMP**
[54] **SYSTEME DE LUBRIFICATION DE PALIER ENTRAINE PAR MOTEUR HYDRAULIQUE POUR UNE POMPE CENTRIFUGE**
[72] KEAN, JAMIE W., US
[72] SAYLOR, GARY, US
[71] WEIR MINERALS AUSTRALIA, LTD., AU
[85] 2015-03-05
[86] 2013-09-05 (PCT/US2013/058176)
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[54] **ROOM OCCUPANCY SENSING APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE DE DETECTION D'OCCUPATION DE PIECE**
[72] MILLER, LEE DOUGLAS, GB
[72] MCKEE, KAREN LOUISE, GB
[71] MBDA UK LIMITED, GB
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[54] **ENSEMBLE EMPILEMENT DE PILES A COMBUSTIBLE**
[72] WILSON, ANTONY RICHARD, GB
[72] TAILOR, NIMESHKUMAR, GB
[71] INTELLIGENT ENERGY LIMITED, GB
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[54] **FAD3 PERFORMANCE LOCI AND CORRESPONDING TARGET SITE SPECIFIC BINDING PROTEINS CAPABLE OF INDUCING TARGETED BREAKS**
[54] **LOCI DE PERFORMANCE FAD3 ET PROTEINES SE LIANT A UN SITE SPECIFIQUE CIBLE CORRESPONDANTES POUVANT INDUIRE DES CASSURES CIBLEES**
[72] COGAN, NOEL., US
[72] FORSTER, JOHN, US
[72] HAYDEN, MATTHEW, US
[72] SAWBRIDGE, TIM, US
[72] SPANGENBERG, GERMAN, US
[72] WEBB, STEVEN R., US
[72] GUPTA, MANJU, US
[72] AINLEY, WILLIAM MICHAEL, US
[72] HENRY, MATTHEW J., US
[72] MILLER, JEFFREY C., US
[72] GUSCHIN, DMITRY Y., US
[71] DOW AGROSCIENCES LLC, US
[71] SANGAMO BIOSCIENCES, INC., US
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[25] EN
[54] **SYSTEM AND METHOD FOR DETECTING SCREEN-OUT USING A FRACTURING VALVE FOR MITIGATION**
[54] **SYSTEME ET PROCEDE DE DETECTION DE BLOCAGE A L'AIDE D'UNE SOUPAPE DE RUPTURE POUR REDUCTION**
[72] BREKKE, KRISTIAN, NO
[71] FLOWPRO WELL TECHNOLOGY, S.A., NO
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[72] HASSOUN, BASEL S., US
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[54] **METHODS FOR IDENTIFYING HIV NEUTRALIZING ANTIBODIES**
[54] **PROCEDES D'IDENTIFICATION D'ANTICORPS DE NEUTRALISATION DU VIH**
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[72] CARRILLO MOLINA, JORGE, ES
[71] LABORATORIOS DEL DR. ESTEVE, S.A., ES
[71] FUNDACIO PRIVADA INSTITUT DE RECERCA DE LA SIDA - CAIXA, ES
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[51] **Int.Cl. H04B 10/564 (2013.01) H01S 5/0683 (2006.01)**
[25] EN
[54] **OPTICAL COMMUNICATION MODULE, OPTICAL NETWORK UNIT, AND METHOD OF CONTROLLING LIGHT-EMITTING ELEMENT**
[54] **MODULE DE COMMUNICATIONS OPTIQUES, DISPOSITIF DU COTE DOMESTIQUE ET PROCEDE DE COMMANDE POUR ELEMENT ELECTROLUMINESCENT**
[72] YUDA, SHUITSU, JP
[72] TANAKA, NARUTO, JP
[71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP
[85] 2015-03-06
[86] 2013-08-07 (PCT/JP2013/071362)
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[25] EN
[54] **COVER RELEASE MECHANISMS FOR ENCLOSURES**
[54] **MECANISMES DE LIBERATION DE COUVERCLE POUR ENVELOPPES**
[72] MANAHAN, JOSEPH MICHAEL, US
[72] ZHAO, YABIN, US
[71] COOPER TECHNOLOGIES COMPANY, US
[85] 2015-03-06
[86] 2013-03-11 (PCT/US2013/030278)
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[25] EN
[54] **ALUMINUM NITRIDE SUBSTRATE AND GROUP-III NITRIDE LAMINATE**
[54] **SUBSTRAT EN NITRURE D'ALUMINIUM ET STRATIFIE EN NITRURE DU GROUPE III**
[72] HIRONAKA, KEIICHIRO, JP
[72] KINOSHITA, TORU, JP
[71] TOKUYAMA CORPORATION, JP
[85] 2015-03-06
[86] 2013-09-04 (PCT/JP2013/073806)
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[25] EN
[54] **VALVE, SYSTEM AND METHOD FOR COMPLETION, STIMULATION AND SUBSEQUENT RE-STIMULATION OF WELLS FOR HYDROCARBON PRODUCTION**
[54] **VANNE, SYSTEME ET PROCEDE POUR LA COMPLETION, LA STIMULATION ET LA RESTIMULATION ULTERIEURE DE PUITS POUR LA PRODUCTION D'HYDROCARBURES**
[72] ANTONSEN, ROGER, US
[72] BRÆKKE, KRISTOFFER, NO
[72] LUNDE, GEIR, NO
[71] TRICAN COMPLETION SOLUTIONS AS, NO
[85] 2015-03-06
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[25] EN
[54] **STRONG NONWOVEN FABRICS FOR USE IN SILT CONTROL SYSTEMS**
[54] **TEXTILES NON TISSES RESISTANTS DESTINES A ETRE UTILISES DANS DES SYSTEMES ANTI-ENVASEMENT**
[72] ORTEGA, ALBERT E., US
[71] CEREX ADVANCED FABRICS, INC., US
[85] 2015-03-06
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[25] EN
[54] **ELECTROCHEMICAL-BASED ANALYTICAL TEST STRIP WITH BARE INTERFERENT ELECTRODES**
[54] **BANDELETTE D'ESSAI ANALYTIQUE A BASE ELECTROCHIMIQUE AVEC DES ELECTRODES INTERFERENTES NUES**
[72] LIU, ZUIFANG, GB
[72] SALGADO, ANNA, GB
[72] MACFIE, GAVIN, GB
[72] BASKEYFIELD, DAMIAN, GB
[72] PHILLIPS, STUART, GB
[71] LIFESCAN SCOTLAND LIMITED, GB
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[25] EN
[54] **DRUG SUBSTANCE PREPARATIONS, PHARMACEUTICAL COMPOSITIONS AND DOSAGE FORMS COMPRISING S-(+)-FLURBIPROFEN**
[54] **PREPARATIONS DE SUBSTANCES MEDICAMENTEUSES, COMPOSITIONS PHARMACEUTIQUES ET FORMES PHARMACEUTIQUES COMPRENANT DU S-(+)-FLURBIPROFENE**
[72] RAYMOND, ALAN MICHAEL, GB
[72] RHODES, BARRIE, GB
[71] AESICA PHARMACEUTICALS LIMITED, GB
[85] 2015-03-04
[86] 2013-09-20 (PCT/GB2013/052464)
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[54] **MANUFACTURE OF POLYLACTIC ACID FOAMS USING LIQUID CARBON DIOXIDE**
[54] **FABRICATION DE MOUSSES D'ACIDE POLYLACTIQUE AU MOYEN DE DIOXYDE DE CARBONE LIQUIDE**
[72] GARANCHER, JEAN-PHILIPPE PAUL MARIE PIERRE, NZ
[71] BIOPOLYMER NETWORK LIMITED, NZ
[85] 2015-03-04
[86] 2013-09-05 (PCT/IB2013/058296)
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[54] **METHOD AND SYSTEM FOR PRODUCING LIQUID FUEL AND GENERATING POWER**
[54] **PROCEDE ET SYSTEME DE PRODUCTION DE CARBURANT LIQUIDE ET DE GENERATION D'ENERGIE ELECTRIQUE**
[72] IIJIMA, MASAKI, JP
[72] YOSHIYAMA, RYUJI, JP
[72] HIRAYAMA, HARUAKI, JP
[72] SEIKI, YOSHIO, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
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[54] **CAM STYLE LOCKS AND SYSTEMS AND METHODS INCLUDING THE SAME**
[54] **VERROUS DE STYLE CAME ET SYSTEMES ET METHODES INCLUANT LESDITS VERROUS**
[72] GOSLING, GEOFF, CA
[72] SMED, MOGENS F., CA
[72] BROWN, THOMAS A., CA
[71] DIRTT ENVIRONMENTAL SOLUTIONS, LTD., CA
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[25] EN
[54] **ADAPTIVE HYBRID TRANSFORM FOR SIGNAL ANALYSIS AND SYNTHESIS**
[54] **TRANSFORMEE HYBRIDE ADAPTATIVE POUR L'ANALYSE ET LA SYNTHESE DE SIGNAUX**
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[72] DAVIDSON, GRANT ALLEN, US
[71] DOLBY LABORATORIES LICENSING CORPORATION, US
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[54] **WEAR ASSEMBLY FOR EXCAVATING EQUIPMENT**
[54] **ASSEMBLAGE D'USURE POUR EQUIPEMENT D'EXCAVATION**
[72] OLLINGER, CHARLES G., IV, US
[72] SNYDER, CHRIS D., US
[72] KRETTZBERG, JOHN S., US
[71] ESCO CORPORATION, US
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[54] **INSTRUMENT CHIRURGICAL A SURFACE PLASTIQUE**
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[71] TYCO HEALTHCARE GROUP LP, US
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[54] **INTEGRATED HUMIDIFIER CHAMBER AND LID**
[54] **CHAMBRE ET COUVERCLE D'HUMIDIFICATEUR INTEGRES**
[72] SALMON, ANDREW, NZ
[72] WORTHINGTON, STEVEN JOHN, NZ
[72] DICKINSON, PHILIP, NZ
[72] SUN, YI-CHENG, NZ
[72] HAXTON, CAMERON JON, NZ
[72] POTHARAJU, VENKATA SUBBARAO, NZ
[72] STANTON, CHRISTIE JAYNE, NZ
[72] BRISCOE, HAYDEN, NZ
[72] FREW, SAMUEL, NZ
[71] FISHER & PAYKEL HEALTHCARE LIMITED, NZ
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[25] EN
[54] **ELECTROOSMOTIC PUMP WITH IMPROVED GAS MANAGEMENT**
[54] **POMPE ELECTROOSMOTIQUE AVEC GESTION DE GAZ AMELIOREE**
[72] POSNER, JONATHAN, US
[72] SALLOUM, KAMIL, US
[72] LEBL, MICHAL, US
[72] REED, MARK, US
[72] BUERMANN, DALE, US
[72] HAGE, MATTHEW, US
[72] CRANE, BRYAN, US
[72] HEINER, DAVID, US
[72] KAIN, ROBERT, US
[71] ILLUMINA, INC, US
[71] THE ARIZONA BOARD OF REGENTS FOR AND ON BEHALF OF ARIZONA STATE UNIVERSITY, US
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[54] **DRESSING AND APPARATUS FOR CLEANSING THE WOUNDS**
[54] **PANSEMENT ET APPAREIL POUR NETTOYER LES BLESSURES**
[72] BLOTT, PATRICK LEWIS, GB
[72] HARTWELL, EDWARD YERBURY, GB
[72] LEE-WEBB, JULIAN, GB
[72] NICOLINI, DEREK, GB
[71] SMITH & NEPHEW, PLC, GB
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[54] **2-(2,4,5-SUBSTITUTED-ANILINO)PYRIMIDINE COMPOUNDS**
[54] **COMPOSES DE 2-(ANILINO 2,4,5-SUBSTITUE)PYRIMIDINE**
[72] BUTTERWORTH, SAM, US
[72] FINLAY, MAURICE RAYMOND VERSCHOYLE, US
[72] WARD, RICHARD ANDREW, US
[72] KADAMBAR, VASANTHA KRISHNA, US
[72] CHINTAKUNTLA, CHANDRASEKHARA REDDY, US
[72] MURUGAN, ANDIAPPAN, US
[72] REDFEARN, HEATHER MARIE, US
[72] CHUAQUI, CLAUDIO EDMUNDO, US
[71] ASTRAZENECA AB, SE
[22] 2012-07-25
[41] 2013-01-31
[62] 2,843,109
[30] US (61/512,061) 2011-07-27
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[54] **2-(2,4,5-SUBSTITUTED-ANILINO)PYRIMIDINE COMPOUNDS**
[54] **COMPOSES DE 2-(ANILINO 2,4,5-SUBSTITUE)PYRIMIDINE**
[72] BUTTERWORTH, SAM, GB
[72] FINLAY, MAURICE RAYMOND VERSCHOYLE, GB
[72] WARD, RICHARD ANDREW, GB
[72] KADAMBAR, VASANTHA KRISHNA, IN
[72] CHINTAKUNTLA, CHANDRASEKHARA REDDY, IN
[72] MURUGAN, ANDIAPPAN, IN
[72] REDFEARN, HEATHER MARIE, GB
[72] CHUAQUI, CLAUDIO EDMUNDO, GB
[71] ASTRAZENECA AB, SE
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[54] **2-(2,4,5-SUBSTITUTED-ANILINO)PYRIMIDINE COMPOUNDS**
[54] **COMPOSES DE 2-(ANILINO 2,4,5-SUBSTITUE)PYRIMIDINE**
[72] BUTTERWORTH, SAM, GB
[72] FINLAY, MAURICE RAYMOND VERSCHOYLE, GB
[72] WARD, RICHARD ANDREW, GB
[72] KADAMBAR, VASANTHA KRISHNA, IN
[72] CHINTAKUNTLA, CHANDRASEKHARA REDDY, IN
[72] MURUGAN, ANDIAPPAN, IN
[72] REDFEARN, HEATHER MARIE, GB
[72] CHUAQUI, CLAUDIO EDMUNDO, US
[71] ASTRAZENECA AB, SE
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[54] **MONOCLONAL ANTIBODIES AGAINST HMGB1**
[54] **ANTICORPS MONOCLONAUX DIRIGES CONTRE HMGB1**
[72] NEWMAN, WALTER, US
[72] QIN, SHIXIN, US
[72] O'KEEFE, THERESA, US
[72] OBAR, ROBERT, US
[71] CRITICAL THERAPEUTICS, INC., US
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[25] EN
[54] **MECHANICAL VENTILATION SYSTEM UTILIZING BIAS VALVE**
[54] **SYSTEME DE VENTILATION MECANIQUE UTILISANT UNE VALVE A SOLLICITATION**
[72] DEVRIES, DOUGLAS F., US
[72] ALLUM, TODD, US
[71] CAREFUSION 203, INC., US
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[25] EN
[54] **METHOD OF FORMING A WOOD BOARD INCORPORATING EMBEDDED SOUND ATTENUATING ELEMENTS AND STIFFENING ELEMENTS**
[54] **PROCEDE DE FORMATION D'UNE PLANCHE DE BOIS INCORPORANT DES ELEMENTS D'ATTENUATION ACOUSTIQUE INTEGRES ET DES ELEMENTS RAIDISSEURS**
[72] STANHOPE, THOMAS SPENCER, US
[71] STANHOPE, THOMAS SPENCER, US
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[54] **IMPLANT DESIGN ANALYSIS SUITE**
[54] **SUITE LOGICIELLE D'ANALYSE DE CONCEPTION D'IMPLANT**
[72] MAHFOUZ, MOHAMED RASHWAN, US
[71] ZIMMER, INC., US
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[25] EN
[54] **FERULATE ESTERASE PRODUCING STRAIN LACTOBACILLUS BREVIS LB1154 AND METHODS OF USING SAME AS A SILAGE INOCULANT**
[54] **SOUCHES LACTOBACILLUS BREVIS LB1154 PRODUISANT DE LA FERULATE ESTERASE ET PROCEDES D'UTILISATION DE CELLES-CI POUR LE TRAITEMENT DE PRODUITS D'ENSILAGE**
[72] NSEREKO, VICTOR, US
[72] RUTHERFORD, WILLIAM, US
[72] SMILEY, BRENDA K., US
[72] SPIELBAUER, ANNETTE, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
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[54] **AUTOMATIC INJECTION DEVICE WITH DELAY MECHANISM INCLUDING DUAL FUNCTIONING BIASING MEMBER**
[54] **DISPOSITIF D'INJECTION AUTOMATIQUE A MECANISME A RETARD COMPORTANT UN ELEMENT DE SOLLICITATION A DOUBLE FONCTION**
[72] ADAMS, MATTHEW ROBERT, US
[72] FOURT, JESSE ARNOLD, US
[72] KAPLAN, JONATHAN I., US
[72] SILBERSCHATZ, PAUL JOSEPH, US
[72] YURCHENCO, JAMES R., US
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[54] **SYSTEMES ET PROCEDES POUR UN PARTAGE SECURISE DE DONNEES**
[72] ORSINI, RICK L., US
[72] O'HARE, MARK S., US
[72] LANDAU, GABRIEL D., US
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[72] YAKAMOVICH, WILLIAM, CA
[71] SECURITY FIRST CORP., US
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[54] **APPAREIL ET PROCEDE POUR UN FOUR A BANDE TRANSPORTEUSE**
[72] WIKER, JOHN H., US
[72] ALBERT, MAGDY A., US
[72] PANICKER, MOHAN K., US
[72] SCHJERVEN, WILLIAM S., SR, US
[71] MIDDLEBY CORPORATION, US
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[25] EN
[54] **SYSTEMS, DEVICES AND METHODS FOR FLUID PUMPING, HEAT EXCHANGE, THERMAL SENSING, AND CONDUCTIVITY SENSING**
[54] **SYSTEMES, DISPOSITIFS ET PROCEDES DE POMPAGE DE FLUIDE, ECHANGE DE CHALEUR, DETECTION THERMIQUE, ET DETECTION DE CONDUCTIVITE**
[72] KAMEN, DEAN, US
[72] DEMERS, JASON A., US
[72] ALTOBELLI, DAVID E., US
[72] GRAY, LARRY B., US
[72] PERRY, N. CHRISTOPHER, US
[72] TRACEY, BRIAN, US
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[72] VAN DER MERWE, DIRK A., US
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[72] MOELLER, ROY P., US
[72] ZANON, STEPHEN, US
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[54] **SYSTEMES ET PROCEDES POUR GESTION D'EQUIPEMENT INFORMATIQUE**
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[54] **TOPICAL COMPOSITIONS COMPRISING INORGANIC PARTICULATES AND AN ALKOXYLATED DIPHENYLACRYLATE COMPOUND**
[54] **COMPOSITIONS TOPIQUES COMPRENANT DES PARTICULES INORGANIQUES ET UN COMPOSE DIPHENYLACRYLATE ALCOXYLE**
[72] SUSAK, MILANKA, CA
[72] SYED, ISMAIL A., US
[72] NAJDEK, LINDA J., US
[72] IONITA-MANZATU, MIRELA CRISTINA, US
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[54] **CATEGORISATION D'INFORMATION FAISANT APPEL AU TRAITEMENT DU LANGAGE NATUREL ET A DES GABARITS PREDEFINIS**
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[54] **SYSTEMES ET PROCEDES POUR UNE PREVISION ET UNE PREDICTION EN TEMPS REEL DE PICS ELECTRIQUES ET UNE GESTION DE L'ENERGIE, DE LA SANTE, DE LA FIABILITE ET DE LA PERFORMANCE DE SYSTEMES D'ENERGIE ELECTRIQUE SUR LA BASE D'UN RESEAU NEURONAL ADAPTATIF ARTIFICIEL**
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[54] **TRAITEMENT DE MALADIES LIEES AUX MITOCHONDRIES ET AMELIORATION DE DEFICITS METABOLIQUES LIES A L'AGE**
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[72] PHILLIPS, ANTHONY RONALD JOHN, NZ
[72] CHEN, NANCY XIUYIN, NZ
[72] GONG, DEMING, NZ
[72] JULLIG, MARIA, NZ
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[54] **SYSTEMES ET PROCEDES DE SURVEILLANCE DE LA PERFORMANCE ATHLETIQUE DANS LE CONTEXTE D'UN SPORT D'EQUIPE**
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[72] WEAST, AARON B., US
[72] BURROUGHS, BRANDON S., US
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[72] LINDSAY, CLAYTON J., US
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[54] **UTILISATION DE SACCHARIDES NON DIGESTIBLES POUR ASSURER A UN NOUVEAU-NE LE MEILLEUR DEPART DANS LA VIE**
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[72] KNOL, JAN, NL
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[54] **PROCEDE ET DISPOSITIF DE DETERMINATION DE VECTEUR DE MOUVEMENT POUR LE CODAGE OU LE DECODAGE VIDEO**
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[71] DANIEL MEASUREMENT AND CONTROL, INC., US
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[54] **METHOD AND APPARATUS FOR CODEBOOK EXCHANGE IN A MULTIPLE ACCESS WIRELESS COMMUNICATION SYSTEM**
[54] **PROCEDE ET APPAREIL POUR ECHANGE DE LIVRES DE CODES DANS UN SYSTEME DE COMMUNICATION SANS FIL A ACCES MULTIPLE**
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[72] SARKAR, SANDIP, US
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[72] GRILLI, FRANCESCO, US
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[54] **FAULT TOLERANT POWER SYSTEM ARCHITECTURE FOR FLUID FLOW MEASUREMENT SYSTEMS**
[54] **ARCHITECTURE D'ALIMENTATION INSENSIBLE AUX DEFAILLANCES POUR SYSTEMES DE MESURE DE DEBIT DE FLUIDE**
[72] GUTIERREZ, FRANCISCO M., US
[72] DIAZ, DANIEL J., US
[72] HAIRSTON, RONALD JAMES, US
[71] DRESSER, INC., US
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[54] **FAULT TOLERANT POWER SYSTEM ARCHITECTURE FOR FLUID FLOW MEASUREMENT SYSTEMS**
[54] **ARCHITECTURE D'ALIMENTATION INSENSIBLE AUX DEFAILLANCES POUR SYSTEMES DE MESURE DE DEBIT DE FLUIDE**
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[72] DIAZ, DANIEL J., US
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[54] **STATION DE BASE, STATION MOBILE, SYSTEME DE COMMUNICATION ET PROCEDE DE REORDONNANCEMENT DE CEUX-CI**
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[71] FUJITSU LIMITED, JP
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[54] **DEVELOPING DEVICE, DEVELOPING CARTRIDGE, ROTATIONAL FORCE TRANSMITTING PART AND ELECTROPHOTOGRAPHIC IMAGE FORMING APPARATUS**
[54] **DISPOSITIF DE DEVELOPPEMENT, CARTOUCHE DE DEVELOPPEMENT, PIECE DE TRANSMISSION DE FORCE DE ROTATION, ET APPAREIL DE FORMATION D'IMAGE ELECTROPHOTOGRAPHIQUE**
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[72] HISANO, MASATO, JP
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[25] EN
[54] **METHOD AND APPARATUS FOR ENCODING RESIDUAL BLOCK, AND METHOD AND APPARATUS FOR DECODING RESIDUAL BLOCK**
[54] **PROCEDE ET APPAREIL DE CODAGE DE BLOC RESIDUEL, ET PROCEDE ET APPAREIL DE DECODAGE DE BLOC RESIDUEL**
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[72] MIN, JUNG-HYE, KR
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[71] SAMSUNG ELECTRONICS CO., LTD., KR
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[54] **APPAREIL D'AIDE A LA REANIMATION CARDIO-PULMONAIRE MUNI D'UN REGULATEUR A VESSIE SOUS PRESSION**
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[54] **PROCEDE ET APPAREIL DE CODAGE DE BLOC RESIDUEL, ET PROCEDE ET APPAREIL DE DECODAGE DE BLOC RESIDUEL**
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[72] MIN, JUNG-HYE, KR
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[54] **METHOD AND APPARATUS FOR SHARING FUNCTION OF EXTERNAL DEVICE THROUGH COMPLEX NETWORK**
[54] **PROCEDE ET APPAREIL DESTINES A PARTAGER UNE FONCTION D'UN DISPOSITIF EXTERNE PAR L'INTERMEDIAIRE D'UN RESEAU COMPLEXE**
[72] YU, SEUNG-DONG, KR
[72] CHANG, WOO-YONG, KR
[72] PARK, SE-JUN, KR
[72] MOON, MIN-JEONG, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
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[54] **BOUCHON DE PHASE ET LENTILLE ACOUSTIQUE POUR HAUT-PARLEUR A RAYONNEMENT DIRECT**
[72] PREMO, PETER, US
[72] STERLING, BRIAN, US
[72] HOGUE, DOUGLAS, US
[72] SHEERIN, JOHN, US
[71] HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED, US
[22] 2009-08-14
[41] 2010-02-18
[62] 2,731,972
[30] US (61/088882) 2008-08-14

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[21] **2,884,070**
[13] A1
[51] **Int.Cl. G07F 17/32 (2006.01) G06Q 40/04 (2012.01) G06Q 50/34 (2012.01)**
[25] EN
[54] **METHOD, APPARATUS, AND COMPUTER-READABLE MEDIA FOR ENABLING REAL-TIME COMPETITION BASED ON COMMODITIES**
[54] **PROCEDE, APPAREIL ET SUPPORTS LISIBLES PAR ORDINATEUR POUR PERMETTRE LA CONCURRENCE EN TEMPS REEL FONDEE SUR LES PRODUITS DE BASE**
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[71] ICONIC WORLDWIDE GAMING LIMITED, GB
[22] 2013-05-22
[41] 2014-10-10
[62] 2,825,936
[30] US (61/810,582) 2013-04-10
[30] US (61/812,719) 2013-04-16
[30] US (61/815,112) 2013-04-23

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BROWN, DAVID MICHAEL 2,883,928
BROWN, GEOFFREY A. 2,884,086
BROWN, VANESSA CLAIRE 2,884,050
BRUCE, ROBERT M. 2,883,530
BRUNNER, DANIELA 2,883,817
BRUTON, JOE 2,883,413
BRYANT, JESSICA ROSE 2,883,254
BRÆKKE, KRISTOFFER 2,884,170
BUCHAN, PETER JAMES 2,883,486
BUCHANAN, MICHAEL J. 2,883,877
BUDLER, NICHOLAS FREDERICK 2,884,123
BUELL, JOHN 2,883,894
BURD, PETER JOHN LESLIE 2,883,241
BURDAKOV, ALEXANDER VLADIMIROVICH 2,883,669
BURKE, THOMAS GERARD 2,883,872
BURLEW, KEITH H. 2,883,627
BUSCHMANN SCHILMER, WALTER 2,884,030
BUTAMAX ADVANCED BIOFUELS LLC 2,883,627
BUZZ TRADING 197 (PROPRIETARY) LIMITED 2,883,486
BYRNES, JAKE K. 2,883,245
CABRERA-SALAZAR, MARIO A. 2,884,144
CAGE, DANIEL 2,883,812
CAI, SHENSHEN 2,884,108
CAILLETEAU, BENOIT 2,883,676
CALA, EDER LEONARDO SASTOQUE 2,884,135
CALDERON, CARLOS 2,883,559
CALHOUN, DARYL R. 2,883,559
CAMBRONNE, MATTHEW DAVID 2,883,961
CAMIRE, CHRIS 2,883,816
CAMPBELL, CAREY V. 2,883,903
CAMPBELL, EMMA MICHELLE 2,883,821
CANBEKTE, HUSNU SINAN 2,884,075
CANBEKTE, HUSNU SINAN 2,884,080
CANBEKTE, ZEKERIYA 2,884,075
CANBEKTE, ZEKERIYA 2,884,080
CANCER RESEARCH TECHNOLOGY LIMITED 2,884,006
CAO, XIANYI 2,883,853
CAO, YAZHE 2,883,815
CAPITAL SAFETY GROUP (AUSTRALIA) PTY LIMITED 2,883,876
CAPITOSTI, SCOTT 2,883,804
CAPODILUPO, JOHN 2,883,852
CARBO, JORGE E. 2,883,795
CARDIOVASCULAR SYSTEMS, INC. 2,883,961

CARDIOX CORPORATION 2,884,094
CARMEL, ISRAEL 2,883,779
CARRASCAL RIERA, MARTA 2,883,426
CARRILLO MOLINA, JORGE 2,884,165
CARSON, SCOTT MICHAEL 2,883,886
CARTER, JOHN 2,883,641
CARVER SCIENTIFIC, INC. 2,883,372
CARVER, DAVID 2,883,372
CASALS COLL, GASPAR 2,883,426
CASHSTAR, INC. 2,883,964
CATALANO, ANTHONY W. 2,883,861
CATURLA JAVALOYES, JUAN FRANCISCO 2,883,426
CAVIN, SANDRINE 2,883,664
CAVIN, SANDRINE 2,883,723
CELATKA, CASSANDRA 2,884,144
CELGENE CORPORATION 2,883,718
CELGENE CORPORATION 2,884,103
CELLECTIS 2,883,502
CENTRAL ADELAIDE LOCAL HEALTH NETWORK INC. 2,883,773
CENTRE NATINAL DE LA RECHERCHE SCIENTIFIQE - CNRS 2,883,715
CEREX ADVANCED FABRICS, INC. 2,884,171
CHAHINE, KENNETH G. 2,883,245
CHAKFE, NABIL 2,883,721
CHAN, KATRINA 2,883,894
CHAN, KWAN CHEE 2,884,066
CHAN, VINCENT S. 2,882,624
CHAN, WAI MAN 2,884,066
CHAPPLE, IAIN 2,884,089
CHASTAIN, RICHARD W. 2,883,806
CHASTAIN, STEVEN L. 2,883,806
CHEMTURA CORPORATION 2,883,987
CHEMTURA CORPORATION 2,883,989
CHEN, BO 2,883,770
CHEN, BO 2,883,782
CHEN, CHARLIE 2,883,485
CHEN, CHENG-YAO 2,883,692
CHEN, SHILIN 2,883,522
CHEN, SHILIN 2,883,525
CHEN, SHILIN 2,883,529
CHEN, YONGCHUN 2,883,796
CHEN, YONGCHUN 2,884,076
CHEN, ZHONGMING 2,883,515
CHENG, SENG H. 2,884,144
CHENG, ZHIGANG 2,883,513
CHESWORTH, RICHARD 2,883,781
CHEUNG, KWAI-MING J. 2,884,006
CHEVRON U.S.A. INC. 2,883,461
CHEVRON U.S.A. INC. 2,883,517
CHEVRON U.S.A. INC. 2,883,609
CHEVRON U.S.A. INC. 2,883,668
CHEVRON U.S.A. INC. 2,883,670
CHEVRON U.S.A. INC. 2,883,945
CHEVRON U.S.A. INC. 2,883,946
CHEVRON U.S.A. INC. 2,883,948
CHEVRON U.S.A. INC. 2,883,983
CHEVRON U.S.A. INC. 2,884,050
CHIANG, WEILONG L. 2,883,681
CHIESI FARMACEUTICI S.P.A. 2,883,749
CHIKKAKALBALU, CHANDRASHEKHARA S. 2,884,093
CHINA BANKNOTE PRINTING AND MINTING CORPORATION 2,883,815
CHIU, ROSSA WAI KWUN 2,884,066
CHO, JI HOON 2,883,905
CHOPRA, ANJU 2,883,935
CHOPRA, RAJESH 2,884,103
CHRISTOPHER, CHARLES 2,883,932
CHUMAKOV, ILYA 2,883,691
CHUNG, TING WO 2,883,659
CIDRAL FILHO, FRANCISCO JOSE 2,883,700
CIGAN, ANDREW MARK 2,884,049
CILAG GMBH INTERNATIONAL 2,884,065
CIOC, ADRIAN 2,883,532
CIOLLI, CHRISTOPHER J. 2,883,804
CLARK, ROGER B. 2,883,238
CLARKE, ELIZABETH J. 2,883,968
CLEAN FUELS B.V. 2,883,518
CLEEK, ROBERT L. 2,883,903
CLEGG, JOHN MARTIN 2,883,864
CLIMAX, JOHN 2,882,850
COBBOLD, MARK 2,883,569
COBBOLD, MARK 2,883,673
COGAN, NOEL 2,883,792
COGAN, NOEL 2,884,084
COGAN, NOEL 2,884,162
COHEN, DANIEL 2,883,691
COLE, EMILY BARTON 2,883,744
COLE, EMILY BARTON 2,883,752
COLIN, JACQUES 2,884,056
COMBILIFT 2,883,909
COMBILIFT RESEARCH & DEVELOPMENT LIMITED 2,883,909
COMBS, GEORGE G. 2,883,575
COMPASS MINERALS AMERICA INC. 2,884,086
CONSTANTZ, BRENT RICHARD 2,883,816
COOKE, DANIEL 2,883,779
COOPER TECHNOLOGIES COMPANY 2,883,554
COOPER TECHNOLOGIES COMPANY 2,883,837
COOPER TECHNOLOGIES COMPANY 2,884,168
COOPER, RUSSELL EVAN 2,883,609
COOPERVISION INTERNATIONAL HOLDING COMPANY, LP 2,883,485
CORMATRIX CARDIOVASCULAR, INC. 2,883,885
CORN, JACOB 2,883,480
CORNELIUS, ROBERT S. 2,883,695
CORREA HIDALGO, DIEGO JOSE 2,883,382
COSSETTE, ROMEO N. 2,883,947
COSTAMAGNA, KARIN 2,884,126
COSTAMAGNA, KARIN 2,884,133
COUCH, PHILIP ROBIN 2,883,581
COUGHLAN, DAVID 2,882,850
COUNTINGAPP MEDICAL LTD. 2,883,445
COUSIN, JEAN-DANIEL 2,883,635
COUTURE, MANON 2,884,073
COVIDIEN LP 2,883,678
COVIDIEN LP 2,883,742
COVIDIEN LP 2,883,753
COVIDIEN LP 2,883,765
COVIDIEN LP 2,883,770
COVIDIEN LP 2,883,782
CPC AG 2,884,137
CRAWFORD, RYAN 2,883,793
CREA, FRANCESCO 2,883,464
CREESE, ANDREW 2,884,089
CRESWELL, JOEL 2,883,899
CRONIN, JAMES TIMOTHY 2,883,627
CRUZ RICONDO, LUIS JAVIER 2,884,154
CULLETON, PAUL DAVID 2,883,884
CULLY, EDWARD H. 2,883,903
CUMMINGS, KARA L. 2,883,569
CURNOW, ALISON 2,883,754
CYGLER, FRANK J. 2,883,634
D'AOUST, MARC-ANDRE 2,884,073
D'HAYER, BENOIT 2,883,722
D'SOUZA, ANDREW S. 2,883,494
DA COSTA, BERNARDO M. 2,883,968
DA SILVA, CEZAR GONCALVES 2,884,028
DAAGE, MICHEL 2,883,741
DAHL, PER JUUL 2,883,878
DAIGLE, SCOTT RICHARD 2,883,781
DALMAU REQUEJO, XAVIER 2,883,911
DANA CANADA CORPORATION 2,883,915
DANDE, PRASAD 2,883,485
DANIEL MEASUREMENT AND CONTROL, INC. 2,884,069
DAS, CHAMPAK 2,883,413
DATAMARS SA LIMITED 2,883,666
DAVIES, COLIN 2,883,899
DAVIS, KELLY M. 2,883,678
DAVIS, KELLY M. 2,883,765
DAVIS, TOD WINTON 2,883,859
DAVISON, GARY 2,884,138
DAVYDENKO, VLADIMIR IVANOVICH 2,883,669
DAY, ROBERT 2,883,531
DBAPPAREL OPERATIONS 2,883,829
DE GREVE, HENRI 2,883,566
DE LIMON, SEBASTIEN 2,884,095
DE PAULA MOREIRA, FRANCISCO 2,883,700
DE PICKER, ANN 2,883,566
DE VRIES, INGRID JOLANDA MONIQUE 2,884,154
DECELLO, THOMAS E. 2,884,031
DEERY, BRIAN 2,883,504
DEKEMP, ROBERT A. 2,884,077
DELAVAL HOLDING AB 2,883,428
DELAVAL HOLDING AB 2,883,541
DELBRIDGE, EWAN E. 2,883,804
DENNEWILL, JAMES 2,884,039
DENSO CORPORATION 2,883,493

DEREZINSKI, STEPHEN JOSEPH 2,883,430
DERIVE, MARC 2,884,121
DESHPANDE, ABHIMANYU 2,884,015
DESHPANDE, ANJALI S. 2,883,963
DEUTSCHES INSTITUT FUR LEBENSMITTELTECHNIK E.V. 2,884,074
DEWAN, LESLIE C. 2,883,966
DEXLECHEM GMBH 2,884,114
DI EGIDIO, GIULIO PIETRO 2,883,987
DIEFENBACH-STREIBER, BEATE 2,883,821
DIGNITY SCIENCES, LTD. 2,882,850
DIMARTINO, JORGE 2,884,103
DIMOV, GENNADY IVANOVICH 2,883,669
DIOGENES LIMITED 2,884,085
DITTGEN, JAN 2,883,574
DITTGEN, JAN 2,883,578
DODDS, KEVIN 2,883,932
DODSON, MITCHELL JOE 2,884,033
DODSON, MITCHELL JOE 2,884,035
DOI, MATSUYUKI 2,883,667
DOLE, DOUGLAS R. 2,883,634
DONG, QING 2,883,545
DONST, DMITRI 2,883,457
DOOSAN ENPURE LIMITED 2,883,928
DORSEY, MICHAEL C. 2,883,678
DORY, YVES L. 2,883,531
DOSCHAK, MICHAEL 2,883,707
DOW AGROSCIENCES LLC 2,883,492
DOW AGROSCIENCES LLC 2,883,562
DOW AGROSCIENCES LLC 2,883,792
DOW AGROSCIENCES LLC 2,883,800
DOW AGROSCIENCES LLC 2,883,846
DOW AGROSCIENCES LLC 2,883,897
DOW AGROSCIENCES LLC 2,884,084
DOW AGROSCIENCES LLC 2,884,106
DOW AGROSCIENCES LLC 2,884,110
DOW AGROSCIENCES LLC 2,884,162
DOYLE, MEREDITH M. 2,883,841
DRESCHER, KARLA 2,883,910
DRILLCO TOOLS S.A. 2,883,650
DROMONE ENGINEERING LIMITED 2,883,819
DSM IP ASSETS B.V. 2,883,897
DUBETTIER-GRENIER, RICHARD 2,884,095
DUBEY, RAMIN 2,883,904
DUBOSE, WILLIAM HENRY 2,883,864
DUKE, DAVID L. 2,883,595
DUNGS, SASCHA 2,884,126
DUNGS, SASCHA 2,884,133
DUNN, ANDY M. 2,883,413
DUNN, TRAVIS B. 2,882,624
DUNNE, JEREMY G. 2,884,088
DUONG, KHANH ANH 2,883,456
DURAND, BERNARD 2,883,721
DYNAVEC AS 2,883,586
DZISIAK, DAVID 2,883,897
E. I. DU PONT DE NEMOURS AND COMPANY 2,883,960
EATON LIMITED 2,883,378
EBERLEIN, ANSELM 2,883,688
EBERTH, ADINA 2,883,821
ECK, BRIAN 2,883,954
ECOSEA FARMING S.A. 2,884,030
EDGE, ALBERT 2,883,896
EDISON PHARMACEUTICALS, INC. 2,883,879
EDISON PHARMACEUTICALS, INC. 2,883,882
EGENTON, WILLIAM 2,883,819
EGGERS, ANDREW R. 2,884,094
EGGERS, PHILIP E. 2,884,094
EGOROV, ANDREI YURIEVICH 2,883,908
EIGEN SYSTEMS LIMITED 2,883,412
EIGEN SYSTEMS LIMITED 2,883,414
EIGEN SYSTEMS LIMITED 2,883,743
EIGEN SYSTEMS LIMITED 2,883,746
ELDOLAB HOLDING B.V. 2,884,148
ELEISON PHARMACEUTICALS, LLC 2,883,703
ELEMENT, INC. 2,884,096
ELIZABETH ARDEN, INC. 2,884,115
ELTOUKHY, HELMY 2,883,901
EMERSON PROCESS MANAGEMENT REGULATOR TECHNOLOGIES, INC. 2,883,919
EMMERIK, CHRISTOPHER VAN 2,883,775
EMMY MEDICAL, LLC 2,884,101
ENGELBRECHT, PIROW 2,883,742
ENGELBRECHT, PIROW 2,883,753
ENGELHARD, VICTOR H. 2,883,569
ENVIRONMENTAL EXPRESS, INC. 2,883,672
EPIZYME, INC. 2,883,781
ERRA SOLA, MONTSERRAT 2,883,426
ESAREY, BERNARD J. 2,883,924
ESCO CORPORATION 2,883,561
ESSER, BRIAN 2,883,526
EVANS, CHRISTINE E. 2,883,413
EVELIQURE BIOTECHNOLOGIES GMBH 2,883,652
EWING, TODD 2,883,894
EXSURCO MEDICAL, INC. 2,883,924
EXXONMOBIL CHEMICAL PATENTS INC. 2,883,887
EXXONMOBIL RESEARCH AND ENGINEERING COMPANY 2,883,466
EXXONMOBILE RESEARCH AND ENGINEERING COMPANY 2,883,741
EYQUEM, JUSTIN 2,883,502
F. HOFFMAN-LA ROCHE AG 2,883,595
F. HOFFMAN-LA ROCHE AG 2,883,890
F. HOFFMANN-LA ROCHE AG 2,883,480
F. HOFFMANN-LA ROCHE AG 2,883,513
F. HOFFMANN-LA ROCHE AG 2,883,534
F. HOFFMANN-LA ROCHE AG 2,883,817
F. HOFFMANN-LA ROCHE AG 2,883,825
FABRO, MARIEL 2,883,783
FACET TECHNOLOGIES, LLC 2,883,631
FALCK SCHMIDT DEFENCE SYSTEMS A/S 2,883,452
FAMOUS INDUSTRIES, INC. DBA HEATING & COOLING PRODUCTS COMPANY 2,883,786
FARINE, ROBIN 2,880,481
FARRELL, MICHAEL D. 2,883,458
FEI, HONGBO 2,883,545
FELIX-GONNOT, AURELIE NATHALIE 2,884,115
FELTON, DONIAL M. 2,883,806
FERNANDEZ, JOSE 2,884,115
FERNANDO, CASIMIR LAKSHAN 2,883,571
FERRELL, BENJAMIN WAYNE 2,883,850
FIGDOR, CARL GUSTAV 2,884,154
FILDANI, ANDREA 2,883,983
FILLIOL, LYLE EDWARD CHARLES 2,884,001
FINISHING BRANDS HOLDINGS INC. 2,883,937
FISHER CONTROLS INTERNATIONAL LLC 2,883,651
FISHER, HUGH EDWARD 2,884,007
FLAHERTY, JOSEPH R. 2,883,798
FLEURY, ROLAND 2,883,840
FLOWPRO WELL TECHNOLOGY, S.A. 2,884,163
FORLONG, MURRAY HOULTON 2,883,412
FORLONG, MURRAY HOULTON 2,883,414
FORLONG, MURRAY HOULTON 2,883,743
FORLONG, MURRAY HOULTON 2,883,746
FORSTER, JOHN 2,883,792
FORSTER, JOHN 2,884,084
FORSTER, JOHN 2,884,162
FORT, SEBASTIEN 2,883,715
FORTUNATO, KEVIN 2,881,678
FOX, MICHAEL D. 2,884,098
FRACKENPOHL, JENS 2,883,574
FRACKENPOHL, JENS 2,883,578
FRANCZYK, THADDEUS S. 2,882,624
FRANK, ANDREI RICHARD 2,883,484
FRANK, NORBERT 2,883,523
FREEMAN, JENNY E. 2,883,623
FREESE, ROBERT P. 2,883,522
FREESE, ROBERT P. 2,883,525
FREESE, ROBERT P. 2,883,529
FREGOSO, GILBERT 2,884,145
FREIMANN, WOLFGANG 2,883,756
FRESCH, ENRICO 2,883,987
FRETTALLONE, MARCO 2,883,892
FRIEND, CHRISTOPHER L. 2,883,804
FRISCHMAN, MARK 2,884,088
FUGRO EARTHDATA, INC. 2,883,637
FUJIMORI, YOJI 2,883,740
FUJIMOTO, KENZO 2,883,499
FUJIOKA, MASATO 2,883,896

FUKUNAGA, TAKAYUKI 2,883,406
FUNCK, FRANK 2,883,457
FUNDACIO PRIVADA INSTITUT DE RECERCA DE LA SIDA - CAIXA 2,884,165
FUNKE, ADRIAN 2,883,767
GAFNI, IZHAR 2,884,008
GAJ, THOMAS 2,883,511
GALLEM, THOMAS 2,883,583
GAMING LABORATORIES INTERNATIONAL, LLC 2,883,775
GAMISANS BERENGUER, CARLES 2,883,911
GANDHI, AMISH 2,883,779
GANDHI, ANITA 2,884,103
GANT, THOMAS 2,883,641
GARANCHER, JEAN-PHILIPPE PAUL MARIE PIERRE 2,884,174
GARCON, GILLES 2,883,829
GARDNER, JAMES P., JR. 2,883,494
GARDNER, MICHAEL STUART 2,883,666
GARNER, DEWAIN 2,883,550
GAUDIN, CHRISTOPHE 2,883,625
GAZMICK PTY LTD 2,884,138
GBADEGESIN, ABOLADE 2,883,571
GE ENERGY POWER CONVERSION TECHNOLOGY LTD 2,883,843
GENENTECH, INC. 2,883,714
GENERAL ELECTRIC COMPANY 2,883,369
GENERAL ELECTRIC COMPANY 2,883,850
GENERAL ELECTRIC COMPANY 2,883,859
GENERAL ELECTRIC COMPANY 2,883,886
GENERAL FUSION INC. 2,883,710
GENESTE, HERVE 2,883,910
GENZYME CORPORATION 2,884,144
GERMANS BOADA, S.A. 2,883,911
GHOSH, DHIMANKRISHNA 2,883,905
GIARDIELLO, MIRKO 2,883,847
GIARDIELLO, MIRKO 2,883,958
GIBOT, SEBASTIEN 2,884,121
GIESING, DENNIS 2,883,855
GILLISON, ROBERT 2,883,897
GINDLESPERGER, ALISSA ERIN 2,883,463
GIRAUDET, LOUIS 2,883,881
GISLER, REBECCA 2,883,635
GIULIANI, GIAMMARIA 2,883,823
GIULIANI, GIAMMARIA 2,883,836
GLAZIER, BARRY 2,884,068
GLAZIER, BARRY DAVID 2,883,950
GLOWCZWSKI, DAVID M. 2,883,853
GODFREY, ROBERT JOHN 2,883,993
GOOD, ANDREW 2,884,144
GOODWIN, GEORGE B. 2,883,877
GOOGLE INC. 2,883,962
GOOGLE INC. 2,884,147
GOOGLE INC. 2,884,149
GOOGLE INC. 2,884,152
GOPALAN, SRIKANTH 2,883,430
GOPALAN, SURESH C. 2,883,504
GOPLEN, STIG 2,884,072
GORDON, RAPHAEL 2,884,125
GORRELL, BRIAN EARL 2,883,937
GOSSELIN, FRANCIS 2,883,513
GOSSI, MATTHIAS 2,884,054
GOTO, YOSHIHIRO 2,883,577
GOULD, CARL 2,883,639
GRABAU, TED DENNIS 2,883,651
GRADY, MICHAEL CHARLES 2,883,627
GRAFF DE FAGET, SANDRINE 2,883,722
GRAHAM, NEIL 2,883,936
GRANDI, GUIDO 2,883,481
GRANT, MELISSA 2,884,089
GRASCHA, PIERRE BRUNO 2,883,403
GREENBERG, JAMES A. 2,884,101
GREENE, DARRELL 2,883,532
GREENE, TWEED TECHNOLOGIES, INC. 2,881,678
GREENFIELD MASTER IPCO LTD 2,883,799
GREENFIELD, DEREK L. 2,883,968
GREGORY, MICHAEL 2,883,952
GRIFFIN, CLAYTON 2,883,456
GRIFOLS WORLDWIDE OPERATIONS LIMITED 2,883,559
GRIGORENKO, NIKOLAY A. 2,883,840
GRINBERG, SARINA 2,883,632
GRINBERG, SARINA 2,883,640
GRINBERG, SARINA 2,883,784
GRINBERG, SARINA 2,883,788
GRINBERG, SARINA 2,883,791
GROBAN, ELI S. 2,883,968
GRON, JAN 2,883,790
GROSS, MICHAEL 2,883,536
GROSS, NUFAR 2,883,826
GROUNDMETRICS, INC. 2,883,944
GROVER, CHAD C. 2,883,764
GSCHWIND, ANDREAS 2,883,807
GSCHWIND, ANDREAS 2,883,880
GUAN, XIAOFEI 2,883,430
GUARDANT HEALTH, INC. 2,883,901
GUBELLINI, MATTEO 2,883,872
GUILLARD, ALAIN 2,884,095
GUNTHER, STEVE 2,883,899
GUPTA, MANJU 2,883,792
GUPTA, MANJU 2,884,084
GUPTA, MANJU 2,884,162
GUPTA, SAT PARKASH 2,883,489
GUSCHIN, DMITRY Y. 2,883,846
GUSCHIN, DMITRY Y. 2,884,084
GUSCHIN, DMITRY Y. 2,884,162
H & M INNOVATIONS, LLC 2,883,616
H. LUNDBECK A/S 2,883,751
H.E.F. 2,883,570
HORRINGTON, STEPHEN M. 2,884,009
HABA, EISUKE 2,883,506
HABA, EISUKE 2,883,512
HABA, EISUKE 2,883,515
HAERTLE, STEFAN 2,884,124
HAHN, FRANZISKA 2,883,833
HAHN, KLAUS 2,883,585
HAHNLE, HANS-JOACHIM 2,883,585
HAIGHT, ANTHONY R. 2,882,624
HAKONSEN, ANDERS JUL 2,883,831
HALDEN, JONAS 2,883,664
HALDEN, JONAS 2,883,723
HALDOR TOPSOE A/S 2,883,878
HALLIBURTON ENERGY SERVICES, INC. 2,883,522
HALLIBURTON ENERGY SERVICES, INC. 2,883,525
HALLIBURTON ENERGY SERVICES, INC. 2,883,529
HALLIBURTON ENERGY SERVICES, INC. 2,883,533
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HALLIBURTON ENERGY SERVICES, INC. 2,883,654
HALLIBURTON ENERGY SERVICES, INC. 2,883,687
HALLIBURTON ENERGY SERVICES, INC. 2,884,015
HALLIBURTON ENERGY SERVICES, INC. 2,884,116
HALLIBURTON ENERGY SERVICES, INC. 2,884,123
HALLUNDBAEK, JORGEN 2,883,376
HALPERN, HENRY IRA 2,883,696
HAMADA, TOMOYUKI 2,876,592
HAMILTON, CHRISTOPHER T. 2,884,106
HAMILTON, CHRISTOPHER T. 2,884,110
HAMILTON, DANIEL N. 2,883,874
HAMILTON, JENNIFER D. 2,883,936
HAN, JINYI 2,883,517
HANSES, CHRISTIAN 2,884,139
HANUKA, BENNY 2,883,528
HAPSARI, WURI ANDARMAWANTI 2,883,663
HARA, MICHIKAZU 2,883,503
HARA, YUICHI 2,883,887
HARARI, DAVID 2,884,101
HARDY, MARC SCOTT 2,883,484
HARI, ABARAJITH S. 2,883,853
HARIRI, ROBERT J. 2,883,567
HARMAN INTERNATIONAL INDUSTRIES, INC. 2,883,803
HASHIMOTO, YUJI 2,883,505
HASSOUN, BASEL S. 2,884,164
HAUGAARD, ERIK ROSS 2,883,899
HAUSMAN, DAVID 2,883,950
HAUSMAN, DAVID 2,884,068
HAWORTH, INC. 2,883,648
HAWORTH, INC. 2,883,653
HAYASHI, FUMITAKA 2,883,503
HAYASHI, TAKASHI 2,883,577
HAYDEN, MATTHEW 2,883,792
HAYDEN, MATTHEW 2,884,084
HAYDEN, MATTHEW 2,884,162
HE, MINSHENG 2,883,238
HEARD, JOSHUA P. 2,883,530
HEATCRAFT REFRIGERATION PRODUCTS LLC 2,884,093

HEAU, CHRISTOPHE 2,883,570
HEBERT, LISE 2,883,720
HECKERMAN, BRAD B. 2,884,145
HEDE, HANS 2,883,790
HEICKSEN, PETER 2,883,903
HEIDLEBAUGH, DIANE L. 2,883,719
HEINEMANN, INES 2,883,574
HEINEMANN, INES 2,883,578
HEINZ, VOLKER 2,884,074
HELDMAN, ELIAHU 2,883,632
HELDMAN, ELIAHU 2,883,640
HELDMAN, ELIAHU 2,883,784
HELDMAN, ELIAHU 2,883,788
HELDMAN, ELIAHU 2,883,791
HELMAN, NOAH 2,883,968
HENDERSON, WILLIAM 2,883,921
HENEGHAN, CONOR 2,883,656
HENICS, TAMAS 2,883,652
HENRY, MATTHEW J. 2,883,792
HENRY, MATTHEW J. 2,884,084
HENRY, MATTHEW J. 2,884,162
HENSLER, ROBERT SEAN 2,883,616
HENSLEY, DANIEL L. 2,883,665
HERBST, JULIAN 2,884,048
HERNANDEZ OLASAGARRE, MARIA BEGONA 2,883,426
HERNANDEZ, ENRIQUE 2,884,043
HERSHEY, HOWARD 2,884,049
HESS, MARILYN 2,884,068
HETZER, UWE 2,883,583
HEYMANN, JARED 2,883,550
HIBBS, ANDREW D. 2,883,944
HIBE HOLDING B.V. 2,883,514
HIDBER, PIRMIN 2,883,513
HIER, LAWRENCE A. 2,884,112
HILLMYER, MARC A. 2,883,768
HILLS, MARTIN JEFFREY 2,883,574
HILLS, MARTIN JEFFREY 2,883,578
HINATSU, JAMES 2,883,705
HINATSU, JAMES 2,883,708
HINMAN, ANDREW W. 2,883,882
HINTERKOPF, JAN 2,883,549
HIOKI, KENTARO 2,883,510
HIRA, RAJESHKOEMAR 2,883,514
HIRANO, TAISUKE 2,883,499
HIRAYAMA, HARUAKI 2,884,175
HIRONAKA, KEIICHIRO 2,884,169
HIRTH, BRADFORD 2,884,144
HITACHI CHEMICAL CO. AMERICA, LTD. 2,883,810
HITACHI CHEMICAL CO., LTD. 2,883,810
HITACHI CHEMICAL COMPANY, LTD. 2,883,506
HITACHI CHEMICAL COMPANY, LTD. 2,883,512
HITACHI CHEMICAL COMPANY, LTD. 2,883,515
HITACHI CONSTRUCTION MACHINERY CO., LTD. 2,876,592
HOANG, CHAU 2,883,456
HOBBS, TERRY R. 2,883,494
HODGSON, PETER CLIFFORD 2,883,907
HOELDER, SWEN 2,884,006
HOELL, HARALD 2,884,126
HOELL, HARALD 2,884,133
HOFFER, KEVIN W. 2,883,764
HOFFMANN, RAINER JOSEF 2,884,072
HOFFMANN, URSULA 2,883,513
HOFGARTNER, WOLFGANG 2,883,567
HOFMANN, PHILIPP 2,883,457
HOGLUND, GORAN 2,883,790
HOHER, TOBIAS-LARS 2,883,839
HOLDEN, KEVIN 2,883,968
HOLLAND, THERESA A. 2,883,903
HOLLIS, ZACHARY 2,883,775
HOLMBERG, REBECCA 2,883,463
HOLMES, ELIZABETH A. 2,883,521
HOLMES, MATTHEW J. 2,883,764
HOLOWKA, ERIC P. 2,883,960
HOLTSCLAW, JEREMY 2,883,533
HONDA, TAKERU 2,883,505
HOOD, LEROY 2,883,905
HOORMANN, DIRK 2,883,457
HOPITAUX UNIVERSITAIRES DE STRASBOURG (HUS) 2,883,721
HOSOKAWA, YASUFUMI 2,883,759
HOSONO, HIDEO 2,883,503
HOUGHTON, MICHAEL 2,883,711
HOVERSTEN, GARY MICHAEL 2,884,050
HSIEH, HANWEI 2,883,582
HSU, CHIAPING CHARLES 2,883,897
HU, ZHIHAO 2,883,968
HUANG, TIEMING 2,884,078
HUGHES, GREGG 2,884,039
HULL, HENRIK 2,884,126
HULL, HENRIK 2,884,133
HUMPHRIES, THERESA 2,883,513
HUNT, DIANA KATHARINE 2,883,238
HUNT, DONALD F. 2,883,569
HUNT, DONALD F. 2,883,673
HUNTLEIGH TECHNOLOGY LIMITED 2,883,702
HUSKY INJECTION HOLDING SYSTEMS LTD. 2,883,526
HUSSON, HERVE 2,884,144
HUSSON, MARIE-CAROLINE 2,883,722
HWANG, CHEUL HYEON 2,883,891
HYDER, CLIFTON D. 2,884,090
HYER INDUSTRIES, INC. 2,883,433
HYER, FRANK S. 2,883,433
HYGEMA, MELANIE ALLGOOD 2,883,902
I-TECONSULT N.V. 2,883,588
I.G. CARDBOARD TECHNOLOGIES LTD. 2,884,008
IBRAHIM, PRABHA N. 2,883,894
IFP ENERGIES NOUVELLES 2,883,715
IGARASHI, LARRY Y. 2,883,797
IIJIMA, MASAKI 2,884,175
ILIUTA, MARIA CORNELIA 2,883,789
ILLINOIS TOOL WORKS INC. 2,883,947
ILLUMINA, INC. 2,883,692
IMPETUS INNOVATIONS, INC. 2,883,536
INAGI, SHUSUKE 2,883,510
INFINIUM, INC. 2,883,430
INGHAM, JONATHAN PAUL 2,883,993
INJECTIMED, INC. 2,881,423
INNOCENTI, PAOLO 2,884,006
INNOVATIV PLAST I VAST HB 2,883,925
INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE) 2,884,121
INSTITUTE FOR SYSTEMS BIOLOGY 2,883,905
INTELLIGENT ENERGY LIMITED 2,884,161
INTERCONTINENTAL POTASH CORPORATION 2,883,806
INTUIT INC. 2,883,941
INUI, MASAYUKI 2,883,832
ISHIKAWA, KINYA 2,883,505
ISKRA, JAMES 2,883,771
ITEK VENTURES PTY LTD 2,883,773
ITI SCOTLAND - SCOTTISH ENTERPRISE 2,883,482
ITO, MOTOFUMI 2,884,099
ITOH, SHINSUKE 2,883,535
IVANCIC, DANIELLE N. 2,883,804
IVANOV, ALEXANDER ALEXANDROVICH 2,883,669
IVARSSON, MAGNUS 2,883,593
IWANO, YOSHIHIRO 2,883,509
IYENGAR, AJAY 2,884,093
IZUNDU, KIMBERLY 2,883,675
JAISSON, MAXIME 2,883,249
JAKOB, CLARISSA 2,883,910
JAMES, TERRENCE WILLIAM 2,883,591
JANCSICS, KATHERINE 2,884,144
JASOPELS A/S 2,883,597
JEERAGE, KAVITA M. 2,883,413
JENNINGS, BENJAMIN 2,883,630
JENSEN, JONAS 2,883,831
JEON, HONG BAE 2,884,000
JESTIN, JEAN-JACQUES 2,884,056
JFE STEEL CORPORATION 2,883,406
JIANG, HONGJIAN 2,883,545
JIANG, PEIYONG 2,884,066
JIANG, XUEYUN 2,884,057
JIANGSU HENGRUI MEDICINE CO., LTD. 2,883,545
JING, NAIYONG 2,883,494
JITKOFF, JOHN NICHOLAS 2,883,962
JITKOFF, JOHN NICHOLAS 2,884,149
JOHANNING, JOACHIM 2,884,048
JOHN, VIJAY T. 2,883,474
JOHNSON & JOHNSON CONSUMER COMPANIES, INC. 2,883,615
JOHNSON, DANIEL PAUL 2,883,668
JOHNSON, MATTHEW 2,884,002
JOHNSON, MATTHEW 2,884,005
JOHNSON, ROBERT 2,883,749
JOHNSON, STEPHEN 2,883,757
JONAS, GARY M. 2,883,793
JONES, JOE 2,883,637
JONES, PETER J. 2,883,696
JOSEPH, DEEPAK 2,883,866
JRIBI, RAMZI 2,883,716
JUBILANT DRAXIMAGE, INC. 2,884,077

KACZUR, JERRY J. 2,883,437
KACZUR, JERRY J. 2,883,744
KACZUR, JERRY J. 2,883,748
KACZUR, JERRY J. 2,883,752
KACZUR, JERRY J. 2,883,900
KAGAMU, HIROSHI 2,883,577
KALANTAR, THOMAS H. 2,884,076
KAMA-TECH (HK) LIMITED 2,884,088
KAN, GIL 2,883,631
KANAI, MASAKI 2,876,592
KANTSEVOY, SERGEY 2,883,783
KARLSSON, EWA 2,883,613
KARNIELI, OHAD 2,883,826
KARP, MATTHEW ABRAM 2,883,636
KASTEREN VAN, PUCK BERTYNE 2,883,591
KATKADE, BHUSHAN 2,884,108
KATZ, ARYEH HAIM 2,883,520
KAUFMANN, PETER 2,883,613
KAWAMURA, NAOHISA 2,883,930
KAWASAKI JUKOGYO KABUSHIKI KAISHA 2,883,759
KAWAUCHI, MASATO 2,883,858
KEAN, JAMIE W. 2,884,158
KEITH, BRIAN DAVID 2,883,886
KELBIE, GRAEME K. 2,883,674
KELLEY, JOHN 2,883,677
KELLY, BRETT MICHAEL 2,883,902
KELLY, FRANCIS X. 2,883,466
KENNEDY, ALEX 2,883,492
KENNEDY, ALEX 2,883,562
KENNEDY-SMITH, JOSHUA 2,883,534
KEUNG, JAY KIN MING 2,883,887
KHAN, YASIN 2,883,642
KHEIFETS, VIKTORIA 2,883,879
KHEIFETS, VIKTORIA 2,883,882
KIKKERT, MARJOLEIN 2,883,591
KIM, DONG YOUNG 2,883,515
KIM, EDWARD J. 2,883,672
KIND, HANNES 2,883,563
KING SAUD UNIVERSITY 2,883,642
KING, GERALD 2,883,987
KINOSHITA, TORU 2,884,169
KIRKESSELI, STEPHANE C. 2,883,936
KIRKPATRICK, BOWDEN 2,883,850
KISING, JURGEN 2,883,473
KISMARTON, MAX 2,883,747
KITANO, MASAAKI 2,883,503
KITCHEN, TIM, L 2,881,423
KLEIN, RAN 2,884,077
KLEINSASSER, GEORGE 2,883,951
KLEINSASSER, HARRY 2,883,951
KLEYMAN, MERY 2,883,455
KLODD, ELIZABETH 2,883,623
KLODOWSKI, ANTHONY MICHAEL 2,883,369
KLOEPPER, JOSEPH W. 2,884,135
KLOX TECHNOLOGIES INC. 2,883,717
KLOX TECHNOLOGIES INC. 2,883,720
KNAPPE, THOMAS 2,883,833
KNOCKE, FRANK 2,883,840
KNOX, HOWARD T. 2,883,449
KOBERLE, STEPHAN 2,883,457
KOBETS, VALEERY VASILEVICH 2,883,669
KOHATSU, SHANE S. 2,883,530
KOHLI, NEERAJ 2,884,101
KOJIMA, MAKOTO 2,883,510
KOLCZEWSKI, SABINE 2,883,817
KOLK, KARSTEN 2,884,126
KOLK, KARSTEN 2,884,133
KOLLER, JEFFREY A. 2,883,786
KON, YUSUKE 2,883,515
KONDO, MAKI 2,883,667
KONINKLIJKE PHILIPS N.V. 2,883,813
KONINKLIJKE PHILIPS N.V. 2,884,089
KONOMI, TOSHIHIKO 2,883,667
KOROUS, JOSEF 2,883,549
KORPELA, TAPIO 2,883,516
KORTSCHACK, FRITZ 2,884,074
KOVAL, CARL A. 2,883,413
KOWA COMPANY, LTD. 2,883,535
KRANZLER, THANE L. 2,883,903
KRAUSE, BERND 2,884,140
KRAY, NICHOLAS JOSEPH 2,883,859
KREMER-TAL, SIGAL 2,883,445
KRESSE, MAYK 2,883,767
KRIEF, HAIM 2,883,428
KRISTOLA, JAY L. 2,883,458
KRONOPLUS TECHNICAL AG 2,883,588
KRUGER, CHRISTIAN 2,883,376
KULKARNI, DHANASHREE GAJANAN 2,883,564
KUMAR, SAI RAMAMURTHY 2,883,413
KUMAR, SANDEEP 2,883,792
KUNDU, SUDEEP 2,883,936
KUNTZ, KEVIN W. 2,883,781
KUNZ, CHRISTIAN CARSTEN SILVESTER 2,883,821
KUNZ, PASCAL 2,883,553
KUNZ, PASCAL 2,883,556
KUPERMAN, ALEXANDER E. 2,883,517
KURACINA, THOMAS, C 2,881,423
KURARAY CO., LTD. 2,883,573
KURATH-GROLLMANN, JOSEF PETER 2,884,137
KURNELLAS, MICHAEL P. 2,883,447
KURNIK, RONALD T. 2,883,825
KUSCHER, ALEXANDER FRIEDRICH 2,883,962
KUSCHER, ALEXANDER FRIEDRICH 2,884,149
KUSTER, HANS L. 2,883,495
KUZMA, JANUSZ 2,883,874
KWH MIRKA LTD. 2,883,790
KWON, SUN JAE 2,884,000
L'AIR LIQUIDE SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE 2,884,095
L'OREAL SA 2,883,797
LABERGE, MICHEL G. 2,883,710
LABORATORIOS DEL DR. ESTEVE, S.A. 2,884,165
LAEMPEREICH CORPORATION 2,883,971
LAI, HUNGCHEN J. 2,883,671
LALLI, MICHAEL 2,883,623
LAMARCHE, ROBERT 2,883,926
LAMB, BRIAN M. 2,883,511
LAMBOY, JORGE ORLANDO 2,883,859
LANDI, ABDOLAMIR 2,883,711
LANGANKE, BERND 2,883,457
LANKISCH, TIM 2,883,711
LARSEN STRINGS A/S 2,883,451
LARSEN, EINAR VAUGHN 2,883,369
LARSON, CHRISTINE 2,883,559
LASER TECHNOLOGY, INC. 2,884,088
LASSNER, MIKE 2,884,049
LATAILLE, NORBERT 2,884,091
LATINI, ROBERTO 2,883,890
LAU, GARRETT 2,883,430
LAUDAGE, ULF 2,884,126
LAUDAGE, ULF 2,884,133
LAUFER, BURKHARDT 2,883,833
LAUREN SCIENCES LLC 2,883,632
LAUREN SCIENCES LLC 2,883,640
LAUREN SCIENCES LLC 2,883,784
LAUREN SCIENCES LLC 2,883,788
LAUREN SCIENCES LLC 2,883,791
LAVOIE, PIERRE-OLIVIER 2,884,073
LAWRENCE, BRUCE R. 2,883,657
LAWRENCE, KATHERYN KAY SCOTT 2,884,135
LAYSER, GREGORY S. 2,884,125
LAZZERI, MARCO 2,883,892
LE BORGNE, ERIC 2,883,842
LE, NAM T. 2,883,534
LEACH, ROY 2,883,812
LEADFORD, KEVIN F. 2,883,639
LEASE, SHIRLEY 2,884,068
LEBKUCHNER, BENNO 2,883,495
LECLAIR, STEPHANE 2,884,124
LECUN, YANN 2,884,096
LEDGERWOOD, ADAM D. 2,883,554
LEE, GERALD ASHLEY 2,884,098
LEE, INYOUL 2,883,905
LEE, MI YEON 2,884,000
LEE, RYAN 2,883,662
LEE, SONGWOO 2,883,768
LEE, WENCHAO 2,883,582
LEFORT, ETIENNE 2,884,077
LEGAULT, JEAN 2,883,997
LEGO A/S 2,883,822
LEIDEN UNIVERSITY MEDICAL CENTER 2,883,591
LEONARD, JOHN 2,884,144
LERNER, RICHARD A. 2,883,454
LEVEL 3 COMMUNICATIONS, LLC 2,883,636
LEVENTHAL, AARON M. 2,883,845
LEVENTHAL, AARON M. 2,883,849
LEVENTHAL, AARON M. 2,883,860
LEVIN, MICHAEL D. 2,883,904
LEWINSON, SHARON 2,883,953
LEWINSON, TOM 2,883,953
LEWIS, ANTHONY K. 2,883,956
LEWIS, DAVID ANDREW 2,883,749

LI, DONGSHENG	2,884,004
LI, MEI	2,883,492
LI, MEI	2,883,903
LI, NAIHONG	2,883,448
LI, QIANG	2,883,859
LICARI, JOHN	2,883,773
LIEBES, ERIC	2,883,948
LIEBL, MARTIN	2,884,140
LIFESCAN SCOTLAND LIMITED	2,884,172
LIMBERG, ANJA	2,883,817
LIN, HSIANGPIN	2,883,582
LIN, JACK	2,883,894
LINCO FOOD SYSTEMS A/S	2,883,584
LINCO FOOD SYSTEMS A/S	2,883,706
LINCO FOOD SYSTEMS A/S	2,883,831
LINDE AKTIENGESELLSCHAFT	2,883,934
LINDER, CHARLES	2,883,632
LINDER, CHARLES	2,883,640
LINDER, CHARLES	2,883,784
LINDER, CHARLES	2,883,788
LINDER, CHARLES	2,883,791
LINQ3 TECHNOLOGIES LLC	2,883,812
LIPSCOMB, JOHN M.	2,883,844
LIPSCOMB, JOHN M.	2,883,848
LIQUID LIGHT, INC.	2,883,437
LIQUID LIGHT, INC.	2,883,744
LIQUID LIGHT, INC.	2,883,748
LIQUID LIGHT, INC.	2,883,752
LIQUID LIGHT, INC.	2,883,900
LISBERGER, MANFRED	2,883,756
LITKE, RONALD G.	2,883,745
LITTLE, TROY M.	2,884,031
LIU, HAI	2,884,071
LIU, JUNKANG J.	2,883,780
LIU, LEI	2,883,492
LIU, LEI	2,883,562
LIU, YUWEN	2,883,485
LIU, ZUIFANG	2,884,172
LO, YUK-MING DENNIS	2,884,066
LOCKE, CHRISTOPHER	2,883,702
LOMASK, JESSE	2,883,983
LORENZZI, JEAN-CARLOS	2,883,716
LOTAN, AVIV	2,883,445
LOTAN, CHAIM	2,883,445
LOUDIN, JAMES DONALD	2,883,874
LOUPIS, NIKOLAOS	2,883,717
LOUPIS, NIKOLAOS	2,883,720
LOVELESS, DAVID	2,883,533
LU, DAVID D.	2,883,494
LU, HEJUN	2,883,545
LU, YI	2,883,815
LUCAS, MATTHEW C.	2,883,534
LUCKEMEYER, JAMES A.	2,883,702
LUGTMEIER, LUBBERTUS	2,884,157
LUMENCO, LLC	2,884,155
LUN, MIU FAN	2,884,066
LUNDE, GEIR	2,884,170
LUNN, PAUL	2,883,681
LUTKENHAUS, NORBERT	2,883,444
LYNGHOLM, MICHAEL	2,883,584
LYNN, DANIEL	2,883,559
M3AT SA	2,883,676
MA, TIEJUN	2,883,947
MA, XIONGFENG	2,883,444
MACDONALD, ROBERT	2,883,630
MACFIE, GAVIN	2,884,172
MACHIN, ALEXANDRE	2,883,842
MACHNAIM, JOSEPH	2,883,886
MACKENZIE, GORDON R.	2,883,674
MACNAUGHT, HUGH	2,883,576
MACOSKO, CHRIS	2,883,768
MACROPLATA, INC.	2,883,783
MADDEN, SEAN	2,884,125
MAESEN, THEODORUS LUDOVICUS MICHAEL	2,883,517
MAGATTI, MARCO	2,883,709
MAGATTI, MARCO	2,883,959
MAGHRABI, SHADAAB SYED	2,883,564
MAGNA POWERTRAIN OF AMERICA, INC.	2,883,532
MAGOLAN, GREG	2,883,662
MAIONE, DOMENICO	2,883,481
MAJSZTRIK, PAUL	2,883,744
MAJSZTRIK, PAUL	2,883,752
MAKINO, ELINA	2,884,144
MALAKER, STACY A.	2,883,569
MALBERG, JESSICA	2,883,817
MALCOLM, GRAEME	2,883,482
MALMBERG, ZACHARY J.	2,883,494
MAMENTA, EDWARD L.	2,883,969
MANAHAN, JOSEPH MICHAEL	2,883,837
MANAHAN, JOSEPH MICHAEL	2,884,168
MANESIS, NICHOLAS J.	2,884,003
MANKU, MEHAR	2,882,850
MANNAN, MICHAEL	2,883,624
MANNIOUI, CECILE	2,883,502
MANNS, MICHAEL	2,883,711
MANZ, WILLI	2,880,933
MARAK, KNUT ARILD	2,884,072
MARANTELLI, BERNARD J.	2,884,085
MARCHAND, CORALIE	2,883,721
MARGARIT Y ROS, IMMACULADA	2,883,481
MARGEOT, ANTOINE	2,883,715
MARIGO, MICHELE	2,884,048
MARINOVIC, IGOR	2,884,090
MARK, BRIAN LEONARD	2,883,591
MARKOWSKI, ROBERT	2,884,063
MARLATT, SHAUN	2,883,662
MARS, INCORPORATED	2,883,950
MARS, INCORPORATED	2,884,068
MARSHALL, JOHN	2,884,144
MARSHALL, SYLWIA	2,883,821
MARTELLO, MARK T.	2,883,768
MARTIN, JERRY LYNN	2,884,109
MARTIN, MARCUS E.	2,883,955
MARTIN, PATRICK JOHN	2,884,053
MARTZ, ANDREW	2,883,662
MARUCCI, DANIELE	2,883,892
MARZANI, BARBARA	2,883,823
MARZANI, BARBARA	2,883,836
MASON, JOHN	2,883,792
MASON, JOHN	2,883,800
MASON, STEVE	2,883,648
MASON, STEVE	2,883,653
MASSACHUSETTS EYE & EAR INFIRMARY	2,883,896
MASSIE, MARK	2,883,966
MASSON, SERGE	2,883,890
MASSOTTE, LAURENT	2,883,829
MASTINC.	2,883,611
MASTRI, DOMINICK	2,883,957
MATHENY, ROBERT G.	2,883,885
MATHIS, HUGUES	2,883,715
MATTHEWS, DANIEL T.	2,884,098
MAURIN-PERRIER, PHILIPPE	2,883,570
MAXWELL, STEVE	2,883,443
MAYERCHAK, MARK A.	2,884,094
MB-MICROTEC AG	2,883,563
MBDA UK LIMITED	2,884,160
MC DONALD, DENNIS	2,884,095
MCCORMICK, DAVID	2,883,993
MCCORMICK, PATRICK	2,883,819
MCDARBY, GARETH	2,883,656
MCFARLAND, SHERRI	2,883,068
MCKEE, KAREN LOUISE	2,884,160
MCLAREN, DEREK	2,883,888
MCLAREN, EARL	2,883,888
MCLARTY, STEVEN D.	2,883,841
MCLEOD, RONALD	2,883,809
MCNEIL, RAESHON LAMONT	2,883,616
MCNEIL-PPC, INC.	2,884,119
MCPHARMA BIOTECH INC.	2,883,888
MCVICAR, MARTIN	2,883,909
MED-LOGICS, INC.	2,884,039
MEDACTA INTERNATIONAL S.A.	2,883,847
MEDACTA INTERNATIONAL S.A.	2,883,958
MEDICAGO INC.	2,884,073
MEDIN, MILO STEVEN	2,884,147
MEDIN, MILO STEVEN	2,884,152
MEDIPOST CO., LTD.	2,884,000
MEDIZINISCHE HOCHSCHULE HANNOVER	2,883,711
MEISHO. CO., LTD.	2,883,501
MEIYAPPAN, SUBRAMANIAN	2,883,866
MEKHAIL, MINA	2,883,539
MELIN, THOMAS ERIC	2,883,616
MENCER, OSKAR	2,883,945
MENNECHELLI, MARCO	2,883,987
MERCER, ANDREW	2,883,511
METZ, MARKUS	2,884,144
MEUSHAR, DANA	2,883,487
MEUSHAR, SHARON	2,883,487
MEVIUS, JASON S.	2,883,919
MICHEL, REINHARD	2,884,048
MICK, JOHN RAYMOND, JR.	2,883,750
MICROSOFT CORPORATION	2,883,571
MIDTTUN, STEVEN	2,883,700
MIENTJES, MARTINE	2,883,795
MIFSUD, ROGER	2,883,615
MIHARA, AKIHIRO	2,884,104
MILANA, JOSEPH	2,883,701
MILLAR, RICHARD HUGH	2,883,876
MILLER, GUY M.	2,883,879
MILLER, JEFFREY C.	2,883,846

MILLER, JEFFREY C. 2,884,084
MILLER, JEFFREY C. 2,884,162
MILLER, KENNETH J. 2,884,108
MILLER, KEVIN ARNOLD 2,883,813
MILLER, LEE DOUGLAS 2,884,160
MILLER, MATTHEW L. 2,884,116
MILNE, ROBERT 2,883,773
MINERVINI, LEO 2,883,942
MING, JEFFREY 2,883,936
MIQUELANTI, ELISMAR 2,884,028
MIR CEPEDA, MARTA 2,883,426
MIRAI KIKAKU CO., LTD. 2,883,467
MIRAVAL, CLAUDINE 2,883,538
MIRTEQ PTY LIMITED 2,883,907
MITARAI, KAORU 2,883,501
MITSUBISHI HEAVY INDUSTRIES, LTD. 2,883,832
MITSUBISHI HEAVY INDUSTRIES, LTD. 2,884,099
MITSUBISHI HEAVY INDUSTRIES, LTD. 2,884,175
MITSUHASHI, MASATO 2,883,810
MIYAKE, YOSHIHARU 2,883,535
MIZUSAWA, HIDEHIRO 2,883,505
MIZUTARI, KUNIO 2,883,896
MOASIS INC. 2,883,448
MOBERG PHARMA AB 2,883,613
MODJAW 2,883,249
MOE, ORSON W. 2,884,062
MOFFETT, ROBERT 2,883,909
MOLINARI, MICHAEL 2,883,881
MOLL LORCA, ANA 2,883,598
MOLLEMANS, WOUTER 2,883,553
MOLLEMANS, WOUTER 2,883,556
MONTARON, BERNARD ANDRE 2,884,071
MOORE, WILLIAM RYAN 2,883,456
MORAN, JOHN P. 2,883,678
MORENO, ANGELA M. 2,883,841
MORGRET, LES 2,883,768
MORPHOSYS AG 2,884,124
MORRISON, H. FRANK 2,883,944
MORRISON, MICHAEL J. 2,883,806
MORYUSEF, ANGELE 2,883,625
MOSES, THOMAS J. 2,883,786
MOSS, N. RYAN 2,883,793
MOTOROLA SOLUTIONS, INC. 2,884,122
MULLER, THOMAS 2,883,574
MULLER, THOMAS 2,883,839
MULLET, WILLIS JAY 2,884,098
MULTIPLE ENERGY TECHNOLOGIES LLC 2,883,700
MUMMA, MATTHEW DOUGLAS 2,883,864
MURAN, JOHN W. 2,883,677
MURDOCK, ANDREW DAVID 2,883,864
MURPHY, GLEN 2,883,962
MURPHY, GLEN 2,884,149
MURPHY, ROBERT J. 2,884,116
MURRAY, TREVOR 2,883,656
MUTH, AARON 2,868,463
MYERS, MARY 2,884,068
MYLAN INC. 2,884,108
NABIROCHKIN, SERGUEI 2,883,691
NAGAO, SOICHI 2,883,505
NAGY, ESZTER 2,883,652
NAGY, GABOR 2,883,652
NAKAGAMI, OHJI 2,883,580
NAKAGOSHI, HIROYUKI 2,883,858
NAKAMURA, FUMIO 2,883,499
NAKASHIMA, AKIO 2,883,573
NAKAYAMA, KOJI 2,883,832
NAMINY, SAEED SHAKOORI 2,883,765
NARDIN, STEFANIA 2,883,987
NARITA, ICHIEI 2,883,577
NATIONAL DEFENSE MEDICAL CENTER 2,883,671
NATIONAL OILWELL VARCO, L.P. 2,883,490
NATIONAL UNIVERSITY CORPORATION TOKYO MEDICAL AND DENTAL UNIVERSITY 2,883,505
NATOLI, THOMAS 2,884,144
NATURE TECHNOLOGY CORPORATION 2,883,943
NAUD, SEBASTIEN 2,884,006
NAUMOVITZ, JOSEPH 2,883,934
NAVKAR, NIKHIL V. 2,883,469
NAZARIFAR, NADER 2,884,039
NEALON, JEFFREY WILLIAM 2,883,948
NEBOLSIN, VLADIMIR EVGENIEVICH 2,883,908
NEFF, GUY 2,883,851
NEGRON, JOHN 2,883,779
NELSON, PETER K. 2,883,639
NEMETH, TAMAS 2,883,945
NES, HROAR ANDREAS 2,884,072
NESPI, MARIKA 2,883,894
NESTEC S.A. 2,883,664
NESTEC S.A. 2,883,709
NESTEC S.A. 2,883,723
NESTEC S.A. 2,883,959
NESTLE, NIKOLAUS 2,883,585
NETI UEPS TECHNOLOGIES, INC. 2,883,856
NEUGEBAUER, WITOLD A. 2,883,531
NEUMAN, JOSEPH 2,884,106
NEUMAN, THOMAS H. 2,883,806
NEXT HYDROGEN CORPORATION 2,883,705
NEXT HYDROGEN CORPORATION 2,883,708
NEXTNAV LLC 2,883,866
NG, YEN TING 2,883,498
NGUYEN, HOANG 2,883,490
NICOLAE, AURELIAN 2,883,852
NICOLAS, JEAN-LOUIS 2,883,881
NIEDERMANN, CLAUD 2,884,027
NIIGATA UNIVERSITY 2,883,577
NIKE INNOVATE C.V. 2,883,530
NIKE INNOVATE C.V. 2,883,764
NIKE INNOVATE C.V. 2,883,795
NIMPTSCH, HARALD 2,884,126
NIMPTSCH, HARALD 2,884,133
NIPRO PATCH CO., LTD. 2,883,930
NOBEL BIOCARE SERVICES AG 2,883,553
NOBEL BIOCARE SERVICES AG 2,883,556
NOBLE, RICHARD D. 2,883,413
NODA, SUGURU 2,883,515
NOFFKE, RICHARD PAUL 2,883,687
NOGRA PHARMA LIMITED 2,883,823
NOGRA PHARMA LIMITED 2,883,836
NOHARA, TSUYOSHI 2,883,467
NORDBORG, ROGER 2,883,459
NORDGARD, STALE 2,883,893
NORDGARD, STALE 2,884,136
NORDISCHER MASCHINENBAU RUD. BAADER GMBH + CO. KG 2,883,679
NORDISCHER MASCHINENBAU RUD. BAADER GMBH + CO. KG 2,884,141
NORTHCO VENTURES GMBH & CO. KG 2,883,549
NORWEGIAN UNIVERSITY OF SCIENCE AND TECHNOLOGY (NTNU) 2,883,893
NORWEGIAN UNIVERSITY OF SCIENCE AND TECHNOLOGY (NTNU) 2,884,136
NOTO, KEITH D. 2,883,245
NOVAK, STEPHEN 2,883,792
NOVARTIS AG 2,883,481
NOVARTIS AG 2,883,821
NOWAK, DAVID J. 2,883,458
NTT DOCOMO, INC. 2,883,663
NUMEREX CORP. 2,883,952
NUOVO PIGNONE SRL 2,883,892
NURSE, MATTHEW A. 2,883,530
O'HARE, EMER 2,883,656
O'REAR, DENNIS JOHN 2,883,609
OBENG, REBECCA C. 2,883,569
OBERDIECK, ULRICH 2,883,767
OBSCHESTVO S OGRANICHENNOI OTVETSTVENNOSTIYU "PHARMENTERPRISES" 2,883,908
OCHSE, MICHAEL 2,883,910
OCULEVE, INC. 2,883,874
OERLIKON SURFACE SOLUTIONS AG, TRUBBACH 2,883,432
OFFICER, MICHAEL JARED 2,883,636
OGAMINO, TAKAHISA 2,883,535
OGLE, JAMES WILLIAM 2,883,533
OH, WON IL 2,884,000
OKAMOTO, HIDEO 2,883,497
OKANO, HIDEYUKI 2,883,896
OKUMURA, RYOSUKE 2,883,510
OLD, ROBERT 2,883,464
OLENYUK, BOGDAN Z. 2,883,904
OLHAVA, EDWARD J. 2,883,781
OLIVEIRA, FLAVIA ALICE MONTEIRO DA SILVA 2,884,028
OLIVER, JASON 2,883,554
OLLINGER, CHARLES G., IV 2,883,561
OMEGA LIQUID WASTE SOLUTIONS INC. 2,883,926
ONYEKA, GEORGE 2,883,524

OPERA SOLUTIONS, LLC 2,883,701
OPFERMANN, ANDREAS 2,883,934
OPILA, DANIEL FRANCIS 2,883,843
ORBIS HEALTH SOLUTIONS LLC 2,883,949
ORTEGA, ALBERT E. 2,884,171
OSTERGAARD, BENT 2,883,706
OTSUKA PHARMACEUTICAL CO., LTD. 2,883,577
OUTOTEC (FINLAND) OY 2,883,516
OWENS-BROCKWAY GLASS CONTAINER INC. 2,883,254
OZBAG, SENAN 2,883,559
PABEN PROYECTOS ESTRATEGICOS, S.A. DE C.V. 2,884,043
PADILLA, FERNANDO 2,883,534
PADMABANDU, GOTHAMI 2,883,692
PAGES SANTACANA, LLUIS MIQUEL 2,883,426
PAION UK LIMITED 2,883,667
PAK, CHARLES Y.C. 2,884,062
PAL, UDAY B. 2,883,430
PALANIVEL, KUMARAN 2,884,123
PAOFIT HOLDINGS PTE LTD 2,883,484
PARDIAK, EDWARD K. 2,883,955
PARFREY, KARL A. 2,883,456
PARI PHARMA GMBH 2,883,583
PARK, NICHOLAS JAMES 2,883,902
PARRIS, MATTHEW M 2,883,703
PATI, SOOBHANKAR 2,883,430
PATIL, RAHUL CHANDRAKANT 2,884,015
PATIL, SANDIP PRABHAKAR 2,884,015
PAULEY, GERALD ALEXANDER 2,883,859
PAUS, RALF 2,883,823
PAUS, RALF 2,883,836
PAYNE, FORREST W. 2,883,413
PEDERSEN, HENNING B. 2,883,679
PEDERSEN, KURT 2,883,597
PEDERSEN, PER 2,883,831
PELL, OLIVER 2,883,945
PELLEGRINO, ARTHUR JOSEPH 2,884,115
PELLETIER, MICHAEL T. 2,883,522
PELLETIER, MICHAEL T. 2,883,525
PELLETIER, MICHAEL T. 2,883,529
PELTIER, JEFFREY H. 2,883,633
PELTIER, JEFFREY H. 2,883,725
PENG, SHIQI 2,884,057
PENNY, SARAH AMY 2,883,673
PENROD, DARIUS S. 2,883,793
PENTAIR FLOW SERVICES AG 2,883,677
PENTAIR FLOW SERVICES AG 2,883,942
PENTAIR WATER POOL AND SPA, INC. 2,883,504
PEPSICO, INC. 2,883,681
PEREZ, EDUARDO 2,884,115
PEREZ, JUAN CARLOS 2,883,616
PERKINS, JAMES TAYLOR 2,883,956
PERMAVOID LIMITED 2,883,884
PEROLD, ADAM 2,884,096
PERRY, ALEXIS 2,883,754
PERSILLON, CECILE 2,883,715
PERUS, MATHIAS 2,883,915
PETERSON, SEAN R. 2,883,793
PETIT, MAUD 2,883,715
PHAM, PHUONGLY 2,883,894
PHAM, STEPHEN 2,883,583
PHAN, MINH QUAN 2,883,709
PHAN, MINH QUAN 2,883,959
PHANSTIEL, OTTO, IV 2,868,463
PHARNEXT 2,883,691
PHILIP MORRIS PRODUCTS S.A. 2,880,481
PHILLIPS ENTERTAINMENT GROUP LLC 2,883,470
PHILLIPS, E. RAY 2,883,470
PHILLIPS, JAMES MICHAEL 2,883,906
PHILLIPS, PAUL 2,883,656
PHILLIPS, STUART 2,884,172
PHILPOTT, THOMAS JAMES 2,883,616
PIBED LIMITED 2,883,403
PICHETTE, ANDRE 2,883,997
PIERALISI, GENNARO 2,884,143
PIERGALLINI, REMIGIO 2,883,717
PIERGALLINI, REMIGIO 2,883,720
PIGOTT, SUSAN C. 2,883,575
PILGRIM, RICK 2,883,713
PIONEER HI-BRED INTERNATIONAL, INC. 2,884,049
PIONEER PET PRODUCTS, LLC 2,883,844
PIONEER PET PRODUCTS, LLC 2,883,848
PISKUN, GREGORY 2,883,783
PLEXXIKON INC. 2,883,894
PLUMPTON, JAMES OSBORNE 2,883,526
PLURISTEM LTD. 2,883,826
POINTNER, PETER 2,883,523
POLCHIN, GEORGE CHARLES 2,883,498
POLCYN, GREGOR DAMIAN 2,883,457
POLLARD, BRIAN 2,883,378
POLLOCK, JACOB F. 2,884,003
POLLOCK, ROY M. 2,883,781
POLYHEAL LTD. 2,883,455
POOL INVEST GMBH 2,884,139
POPESCU, LAVINIA CODRUTA 2,884,115
PORZ, LUTZ OLIVER 2,884,048
POSHUSTA, JOSEPH CARL 2,884,109
POULIN, LUCIE 2,884,073
POWELL, ADAM CLAYTON, IV 2,883,430
PPG INDUSTRIES OHIO, INC. 2,883,877
PREMAITHA HEALTH LTD 2,883,464
PRINSSEN, ERIC 2,883,817
PRIVATE SECRETARY LTD. 2,883,487
PROTEUS 2,883,715
PROTON POWER, INC. 2,883,665
PSORIASIS+CREAMS SWEDEN AB 2,883,598
PUENTE, JOSE IGNACIO 2,883,902
QMOTION INCORPORATED 2,884,098
QUAKER CHEMICAL (AUSTRALASIA) PTY LTD 2,883,777
QUALCOMM INCORPORATED 2,883,439
QUALCOMM INCORPORATED 2,883,802
QUALCOMM INCORPORATED 2,883,898
QUICKSILVER DRILLING TECHNOLOGIES, LLC 2,883,713
QUINTANA, REYNALDO 2,883,583
RADIN, ALLEN 2,883,936
RAGHUPATHY, ARUN 2,883,866
RAGHUPATHY, SRI 2,883,963
RAMASWAMY, SUBRAMANIAN 2,883,571
RAMM, JURGEN 2,883,432
RAMOT, YUVAL 2,883,823
RAMOT, YUVAL 2,883,836
RAMSAY, LAWSON 2,884,069
RANDALL, BENJAMIN 2,883,778
RAU, HARALD 2,883,833
RAVI, KRISHNA M. 2,884,015
RAVIV, LIOR 2,883,826
RAVOUX, NICOLAS 2,882,935
RAY, SIDDARTH 2,884,147
RAY, SIDDARTH 2,884,152
RAYMOND, ALAN MICHAEL 2,884,173
RAYMOND, MARK A. 2,884,155
RAYTHEON CANADA LIMITED 2,884,029
REENTS, REINHARD 2,883,513
REFRACTORY INTELLECTUAL PROPERTY GMBH & CO. KG 2,883,635
REG LIFE SCIENCES, LLC 2,883,968
REGENERON PHARMACEUTICALS, INC. 2,883,936
REGENTS OF THE UNIVERSITY OF MINNESOTA 2,883,768
REICH, DAVID 2,883,971
REICH, HARRY 2,883,971
REIMER, CHRISTOPHER JACOB 2,884,029
REIS, JAMES 2,883,637
REISS, KRZYSTOF 2,883,474
RENAUDIE, DAVID 2,884,091
RENVOICE, PETER 2,884,048
REPINSKI, SCOTT 2,883,844
REPINSKI, SCOTT 2,883,848
REPLICOR INC. 2,883,785
RESMED SENSOR TECHNOLOGIES LIMITED 2,883,656
RESPIRATORY MOTION, INC. 2,883,623
REUTHER, CLAUS 2,884,140
REYNOLDS, MERITT 2,883,710
REYNOLDS, SEAN 2,883,372
RHODES, BARRIE 2,884,173
RICHARDSON, PAUL 2,883,485
RICHARDSON, TERRENCE EDWARD 2,883,669
RICHERT, MICHELLE 2,883,840
RICHON, VICTORIA M. 2,883,781
RICOH COMPANY, LTD. 2,884,104
RIDDLE, JUSTIN A. 2,883,494
RIDESHARK CORPORATION 2,883,953
RIEKEN, WILLIAM 2,883,527

RIEMER, CLAUS 2,883,817
RIGGS, JENNIFER LYNN 2,884,135
RIKEN 2,883,505
RINNAI CORPORATION 2,883,497
RITTER, ALLEN MICHAEL 2,883,369
RITTER, VLADIMIR 2,883,455
ROBERTS, CHARLES EDWARD SELKIRK 2,883,464
ROBERTS, VIRGINIA M. 2,883,741
ROBERTSON, GORDON 2,883,482
ROCKLIN, ROSS E. 2,883,936
RODGERS, MICHAEL BRENDAN 2,883,887
RODRIGUE, DENIS 2,883,789
RODRIGUES, KLIN A. 2,883,562
RODRIGUEZ-LLORENTE, FERNANDO 2,883,742
RODRIGUEZ-LLORENTE, FERNANDO 2,883,753
ROELOFSEN, JOHAN H. J. 2,884,141
ROESCH, BRIAN MICHAEL 2,883,627
ROGERS, JOHN DAVID 2,883,906
ROHM AND HASS COMPANY 2,883,796
ROMERO, RODOLFO 2,883,618
ROMERO, RODOLFO 2,883,621
RONDEAU, JEAN-MICHEL RENE 2,883,821
RONN, MAGNUS 2,883,238
ROOSEN, CHRISTOPH 2,883,457
ROSELLO GARGALLO, ALEX 2,883,911
ROSENBERG, RONALD O. 2,883,989
ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG 2,883,839
ROSINGER, CHRISTOPHER HUGH 2,883,578
ROSS, RODNEY L. 2,884,039
ROSSI, DAVID JOHN 2,883,572
ROTH, GARY 2,884,106
ROTH, JOHANNES 2,884,151
ROTHBARD, JONATHAN B. 2,883,447
ROUNDS, ANDREW WARREN 2,884,002
ROUNDS, ANDREW WARREN 2,884,005
RTERRA HOLDINGS, LLC 2,883,542
RUAG AMMOTEC GMBH 2,884,140
RUSSEK, PAMELA ANN 2,883,902
RUSSELL, BRIAN B. 2,883,793
RUSSI, JUAN DAVID CASTILLO 2,884,135
RUST, SIMON PETER 2,884,002
RUST, SIMON PETER 2,884,005
RYAA, JAN 2,883,822
SAADE, EDWARD 2,883,637
SACCHETTINI, JAMES 2,883,443
SAEDLOU, SAGHI 2,883,538
SAES, MARC 2,884,148
SAGEM DEFENSE SECURITE 2,882,935
SAHAB, SAREENA 2,883,800
SAINT-GOBAIN GLASS FRANCE 2,883,716
SAKAI CHEMICAL INDUSTRY CO., LTD. 2,883,573
SAKHAEE, KASHAYAR 2,884,062
SALESFORCE.COM, INC. 2,883,883
SALGADO, ANNA 2,884,172
SALIX PHARMACEUTICALS, INC. 2,883,851
SALLUSTIO, BENEDETTA 2,883,773
SAMUEL, PON 2,883,846
SANAZ, MOSADEGH SEDGHI 2,883,789
SANCHEZ RACCARO, RODRIGO 2,884,030
SANDFORD, GEOFFREY PAUL 2,883,762
SANDVIK INTELLECTUAL PROPERTY AB 2,883,459
SANDVIK INTELLECTUAL PROPERTY AB 2,883,593
SANFORD, MARK 2,883,637
SANGAMO BIOSCIENCES, INC. 2,883,846
SANGAMO BIOSCIENCES, INC. 2,884,084
SANGAMO BIOSCIENCES, INC. 2,884,162
SANOFI 2,883,625
SANOFI 2,883,936
SANTACREU, PIERRE-OLIVIER 2,883,538
SANTUCCI, CESARE 2,883,987
SARSHAR, NIMA 2,883,941
SATO, HIROAKI 2,883,858
SATO, SHIGEHITO 2,883,667
SAUDI ARABIAN OIL COMAPNY 2,883,642
SAUDI ARABIAN OIL COMPANY 2,883,696
SAVATSKY, BRUCE J. 2,883,853
SAWADA, HIDENORI 2,883,930
SAWADA, YOSHIKAZU 2,883,535
SAWBRIDGE, TIM 2,883,792
SAWBRIDGE, TIM 2,884,084
SAWBRIDGE, TIM 2,884,162
SAYLOR, GARY 2,884,158
SBRAGIA, ALEXANDRE 2,884,091
SCHARENBERG, ANDREW 2,883,502
SCHEUCH GMBH 2,883,756
SCHEULE, RONALD K. 2,884,144
SCHILDKNECHT HOE, MIKKEL 2,883,822
SCHIRMER, ANDREAS W. 2,883,968
SCHLAEPPI, JEAN-MARC ALFRED 2,883,821
SCHLUMBERGER CANADA LIMITED 2,883,572
SCHLUMBERGER CANADA LIMITED 2,883,895
SCHLUMBERGER CANADA LIMITED 2,883,993
SCHLUMBERGER CANADA LIMITED 2,884,071
SCHMIDT, BEAT 2,883,570
SCHMIDT, ELLEN 2,883,751
SCHMUTZLER, DIRK 2,883,574
SCHMUTZLER, DIRK 2,883,578
SCHNEIDER, JACOB 2,883,816
SCHNEIDER, SANDRO M.O.L. 2,883,563
SCHOTTLI AG 2,880,933
SCHRODER, PETER 2,884,126
SCHRODER, PETER 2,884,133
SCHULTE, ELLIOTT KELLER 2,883,850
SCHULTZ, PHILIP STEPHEN 2,883,668
SCHUMACHER, NICOLAS 2,883,790
SCHUMACHER, WILLIAM 2,884,108
SCHUTT, HARTMUT HUBERTUS 2,883,993
SCHUTYSER, FILIP 2,883,553
SCHUTYSER, FILIP 2,883,556
SCHWEI, PETER 2,883,756
SEIBERT, FLORIAN 2,883,432
SEIKI, YOSHIO 2,884,175
SEITZ, THOMAS 2,883,801
SEKISUI CHEMICAL CO., LTD. 2,883,740
SELECT TECHNOLOGY CORPORATION LIMITED 2,883,809
SENANAYAKE, S. P. JANAKA NAMAL 2,883,897
SENESE, THOMAS J. 2,884,122
SENIOR, PAUL 2,884,053
SENTRY EQUIPMENT CORPORATION 2,883,458
SEQUEIRA, CLARENCE 2,883,681
SETFORD, STEVEN JOHN 2,884,065
SEVIER, DONALD LEIGH 2,883,669
SEYFFERT, KENNETH W. 2,883,490
SFC FLUIDICS, LLC 2,883,413
SHAABAN, YASSER 2,883,571
SHABANOWITZ, JEFFREY 2,883,569
SHABANOWITZ, JEFFREY 2,883,673
SHAHAF, MARK. 2,884,122
SHAHBAZ, MANOUCHEHR 2,883,641
SHAMAILA, MAWELE 2,883,664
SHAMAILA, MAWELE 2,883,723
SHANGHAI HENGRUI PHARMACEUTICAL CO., LTD. 2,883,545
SHANGHAI LUMOSA THERAPEUTICS CO., LTD. 2,884,057
SHANGHAI MINT CO., LTD. 2,883,815
SHANGHAI RENPHEN COMPOSITE MARERIALS CO., LTD 2,883,579
SHANKAR, BAVANI G. 2,883,817
SHANNON, PORTER C. 2,883,887
SHARMA, DEEPAK 2,883,615
SHEBL, AMGAD 2,884,124
SHEKHAR, SHASHANK 2,882,624
SHELDRAKE, PETER 2,884,006
SHELEF, EITAN 2,883,983
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 2,884,157
SHERRILL, KRISTOPHER V. 2,883,543
SHERWIN, JEFFREY 2,883,750
SHEU, FENG-RAN 2,883,609
SHI, SONGYUAN 2,883,894
SHI, YUTIAN 2,884,076
SHIBATA, HIROKAZU 2,883,887
SHIPMAN, JOSHUA M. 2,884,086
SHOKAKU, AKIO 2,883,740
SHORT, MICHAEL 2,883,966
SHRADER, WILLIAM D. 2,883,879
SHRADER, WILLIAM D. 2,883,882

SHUMWAY, WILLIAM WALTER 2,883,654
SHUTTLEWORTH, ANDREW BRYAN 2,883,884
SHYLLON, TAMIMU A. 2,883,764
SICCARDI, ALBERTO 2,883,847
SICCARDI, ALBERTO 2,883,958
SICCARDI, FRANCESCO 2,883,847
SICCARDI, FRANCESCO 2,883,958
SIEDLE, ALLEN R. 2,883,841
SIEMENS AKTIENGESELLSCHAFT 2,884,126
SIEMENS AKTIENGESELLSCHAFT 2,884,133
SIEMONS, ROLAND 2,883,518
SIKA TECHNOLOGY AG 2,884,054
SILVA, MARCILIO DO CARMO 2,884,028
SIMANCAS, KIMBERLY 2,883,585
SIMARD, FRANCOIS 2,883,997
SIMEONOV, KAMEN P. 2,883,714
SIMONETTI, OLIVIER 2,883,881
SINGH, P. RAJENDRA 2,884,109
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